

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016278.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 16:12
 Operator : YP\AJ
 Sample : Q2473-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PIT#2

Integration File: autoint1.e
 Quant Time: Jul 11 04:14:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.205	1387228	13.874 ug/ml
Target Compounds			
2) N-DECANE	4.671	23253	0.202 ug/ml
3) N-DODECANE	6.853	40680	0.351 ug/ml
4) N-TETRADECANE	8.692	156084	1.322 ug/ml
5) N-HEXADECANE	10.315	466854	4.036 ug/ml
6) N-OCTADECANE	11.767	379875	3.236 ug/ml
7) N-EICOSANE	13.082	1031728	8.624 ug/ml
8) N-DOCOSANE	14.331	1232743	10.697 ug/ml
10) N-TETRACOSANE	15.397	2430329	21.271 ug/ml
11) N-HEXACOSANE	16.440	436256	3.965 ug/ml
12) N-OCTACOSANE	17.415	1546055	14.217 ug/ml
13) N-TRIACONTANE	18.301	1555673	14.558 ug/ml
14) N-DOTRIACONTANE	19.139	1205013	11.917 ug/ml
15) N-TETRATRIACONTANE	19.894	56875	0.625 ug/ml
16) N-HEXATRIACONTANE	20.679	1491523	19.805 ug/ml
17) N-OCTATRIACONTANE	21.425	225453	3.464 ug/ml
18) N-TETRACONTANE	22.459	316778	5.496 ug/ml

(f)=RT Delta > 1/2 Window

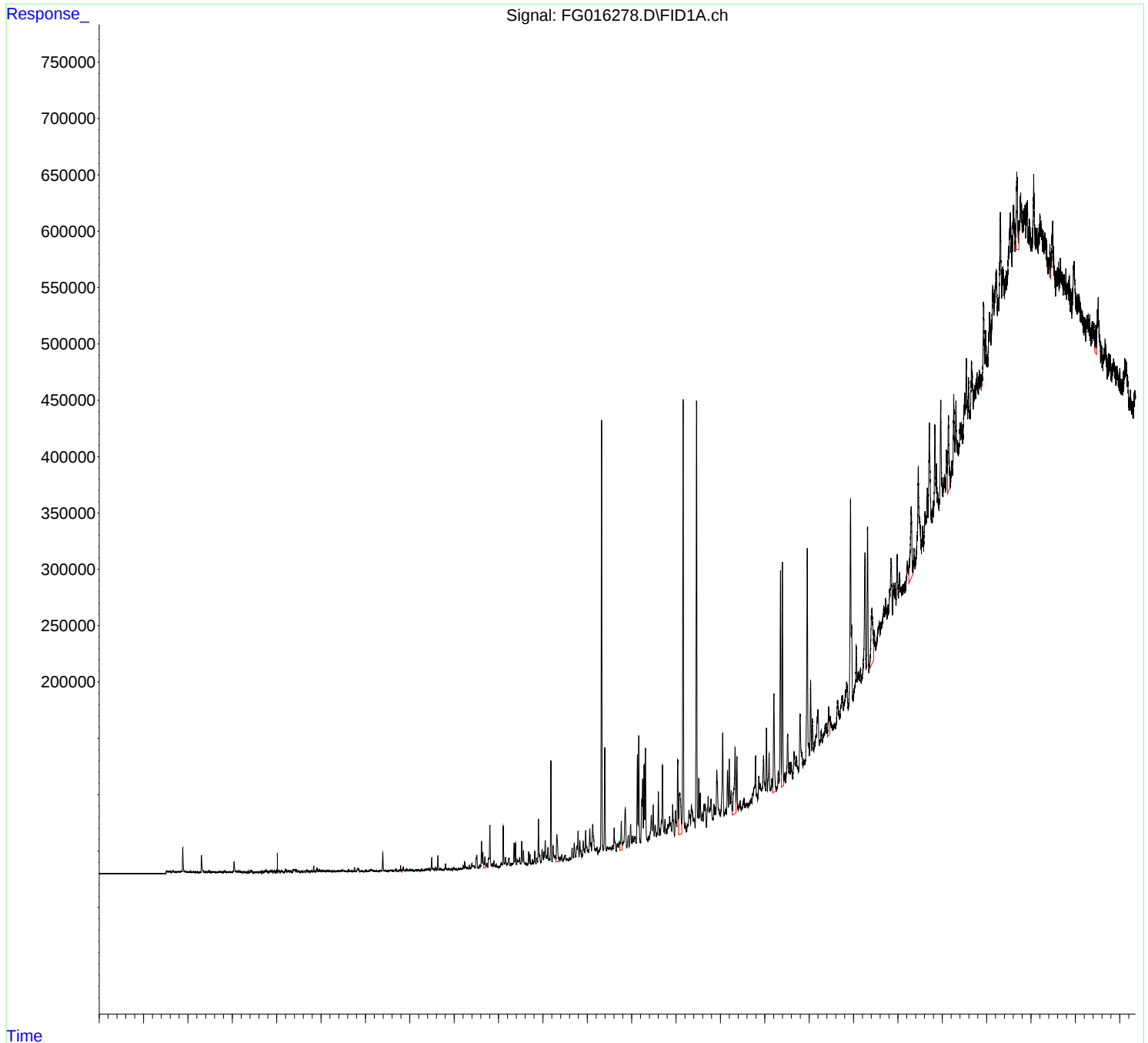
(m)=manual int.

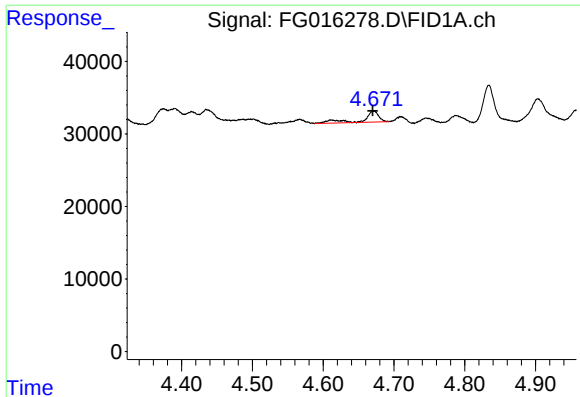
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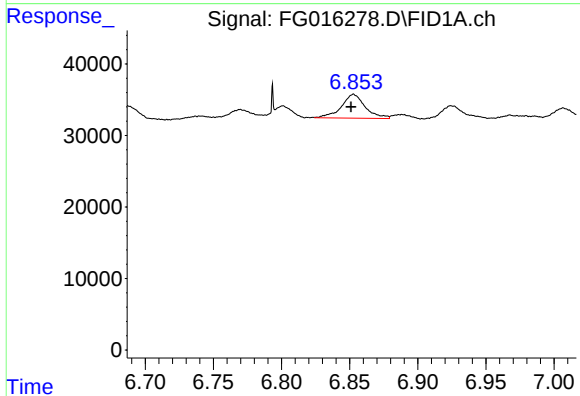




#2 N-DECANE

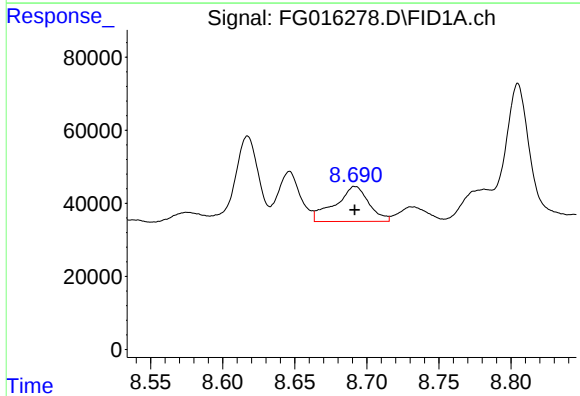
R.T.: 4.671 min
Delta R.T.: 0.001 min
Response: 23253
Conc: 0.20 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2



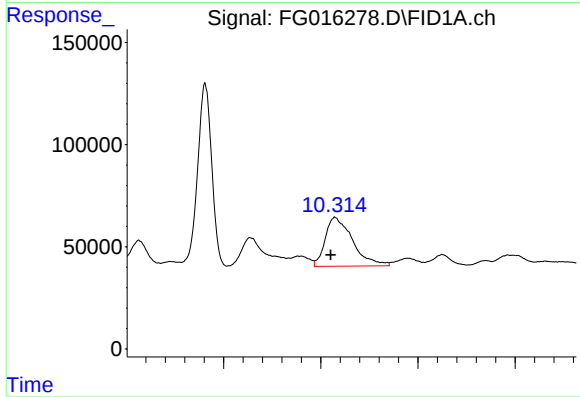
#3 N-DODECANE

R.T.: 6.853 min
Delta R.T.: 0.002 min
Response: 40680
Conc: 0.35 ug/ml



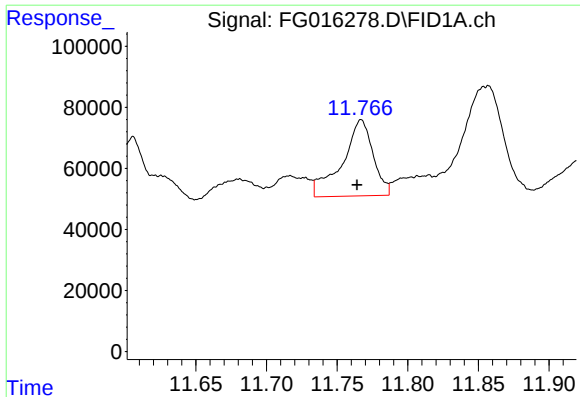
#4 N-TETRADECANE

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 156084
Conc: 1.32 ug/ml



#5 N-HEXADECANE

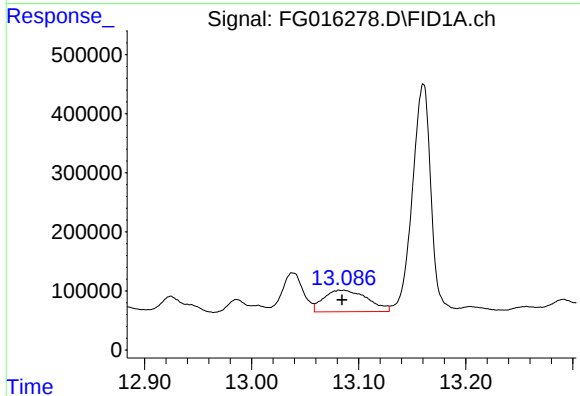
R.T.: 10.315 min
Delta R.T.: 0.004 min
Response: 466854
Conc: 4.04 ug/ml



#6 N-OCTADECANE

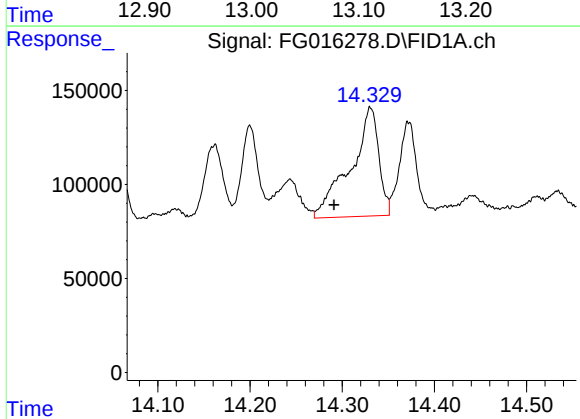
R.T.: 11.767 min
Delta R.T.: 0.003 min
Response: 379875
Conc: 3.24 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2



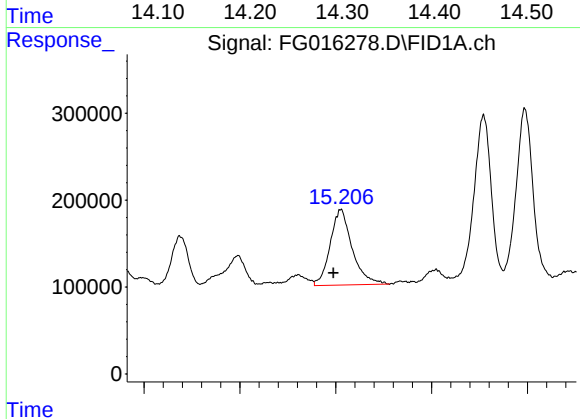
#7 N-EICOSANE

R.T.: 13.082 min
Delta R.T.: -0.002 min
Response: 1031728
Conc: 8.62 ug/ml



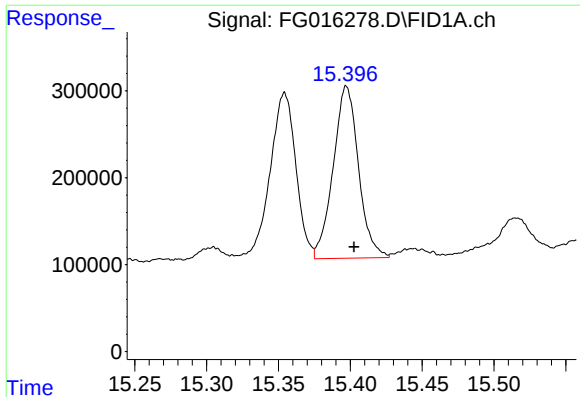
#8 N-DOCOSANE

R.T.: 14.331 min
Delta R.T.: 0.039 min
Response: 1232743
Conc: 10.70 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

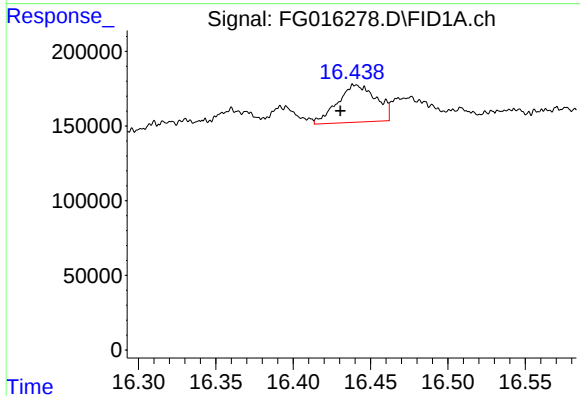
R.T.: 15.205 min
Delta R.T.: 0.008 min
Response: 1387228
Conc: 13.87 ug/ml



#10 N-TETRACOSANE

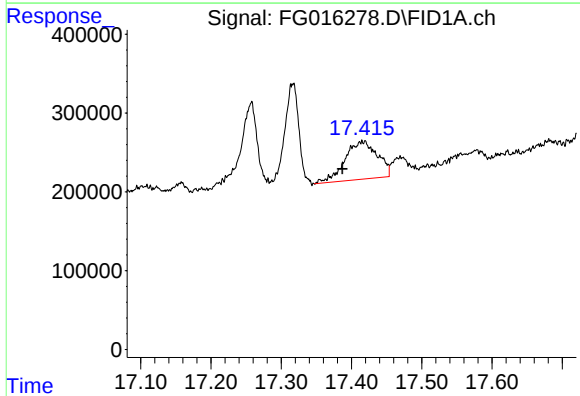
R.T.: 15.397 min
Delta R.T.: -0.005 min
Response: 2430329
Conc: 21.27 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2



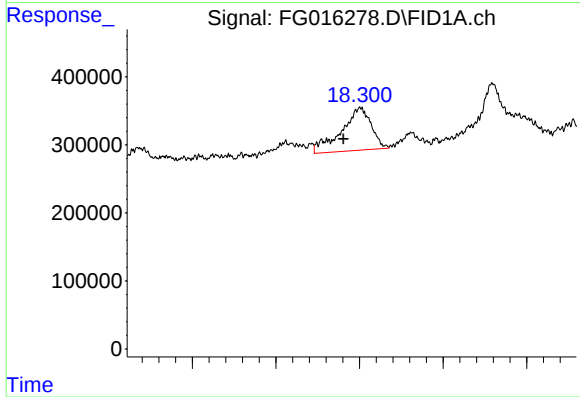
#11 N-HEXACOSANE

R.T.: 16.440 min
Delta R.T.: 0.010 min
Response: 436256
Conc: 3.96 ug/ml



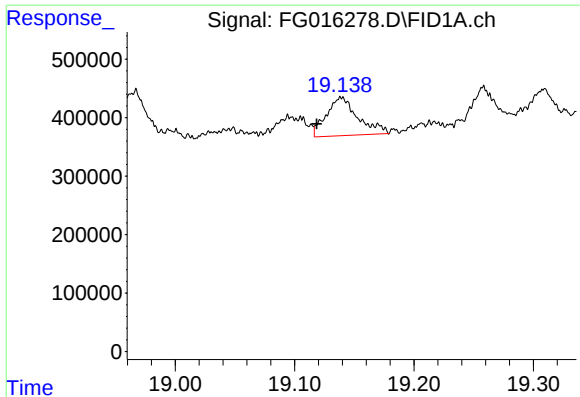
#12 N-OCTACOSANE

R.T.: 17.415 min
Delta R.T.: 0.028 min
Response: 1546055
Conc: 14.22 ug/ml



#13 N-TRIACONTANE

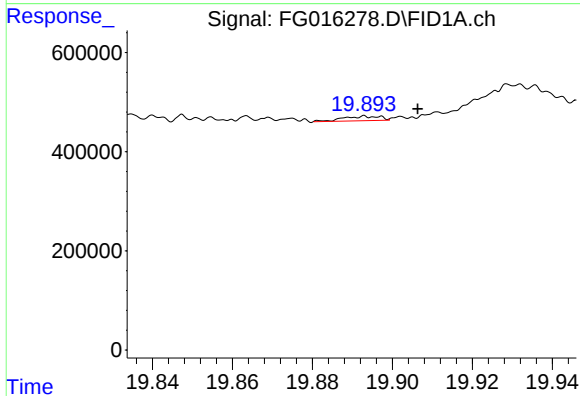
R.T.: 18.301 min
Delta R.T.: 0.020 min
Response: 1555673
Conc: 14.56 ug/ml



#14 N-DOTRIACONTANE

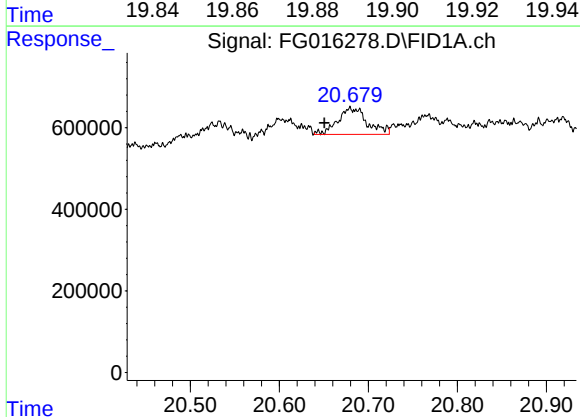
R.T.: 19.139 min
Delta R.T.: 0.021 min
Response: 1205013
Conc: 11.92 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2



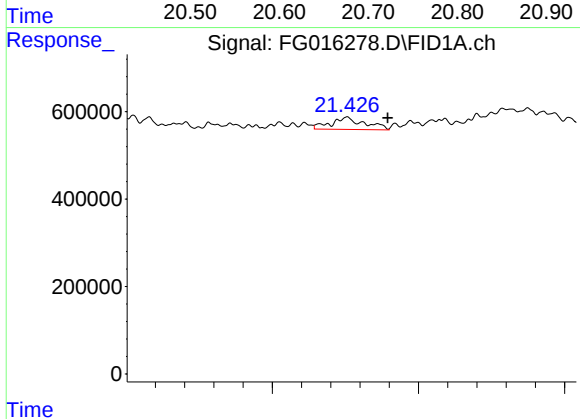
#15 N-TETRATRIACONTANE

R.T.: 19.894 min
Delta R.T.: -0.012 min
Response: 56875
Conc: 0.63 ug/ml



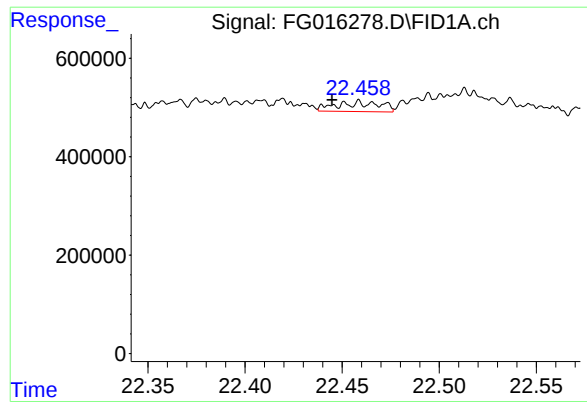
#16 N-HEXATRIACONTANE

R.T.: 20.679 min
Delta R.T.: 0.029 min
Response: 1491523
Conc: 19.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.425 min
Delta R.T.: -0.014 min
Response: 225453
Conc: 3.46 ug/ml



#18 N-TETRACONTANE

R.T.: 22.459 min
Delta R.T.: 0.014 min
Response: 316778
Conc: 5.50 ug/ml

Instrument :
FID_G
ClientSampleId :
PIT#2