

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
 Data File : FG015903.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 16:54
 Operator : YP\AJ
 Sample : Q2100-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TP-45MS

Integration File: autoint1.e
 Quant Time: May 23 23:07:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.982	1560457	12.732 ug/ml
Target Compounds			
1) N-OCTANE	1.964	2378606	20.229 ug/ml
2) N-DECANE	4.485	2717779	23.130 ug/ml
3) N-DODECANE	6.667	2921598	24.071 ug/ml
4) N-TETRADECANE	8.503	2950277	23.105 ug/ml
5) N-HEXADECANE	10.117	3192538	23.963 ug/ml
6) N-OCTADECANE	11.565	3248063	23.536 ug/ml
7) N-EICOSANE	12.879	3238782	22.925 ug/ml
8) N-DOCOSANE	14.080	3213690	23.395 ug/ml
10) N-TETRACOSANE	15.186	3186827	23.182 ug/ml
11) N-HEXACOSANE	16.211	3154555	23.218 ug/ml
12) N-OCTACOSANE	17.163	3134697	23.250 ug/ml
13) N-TRIACONTANE	18.052	2998317	21.974 ug/ml
14) N-DOTRIACONTANE	18.886	2580606	19.268 ug/ml
15) N-TETRATRIACONTANE	19.670	1632349	13.461 ug/ml
16) N-HEXATRIACONTANE	20.410	1146214	10.734 ug/ml
17) N-OCTATRIACONTANE	21.145	976429	10.175 ug/ml
18) N-TETRACONTANE	22.061	938843	10.675 ug/ml

(f)=RT Delta > 1/2 Window

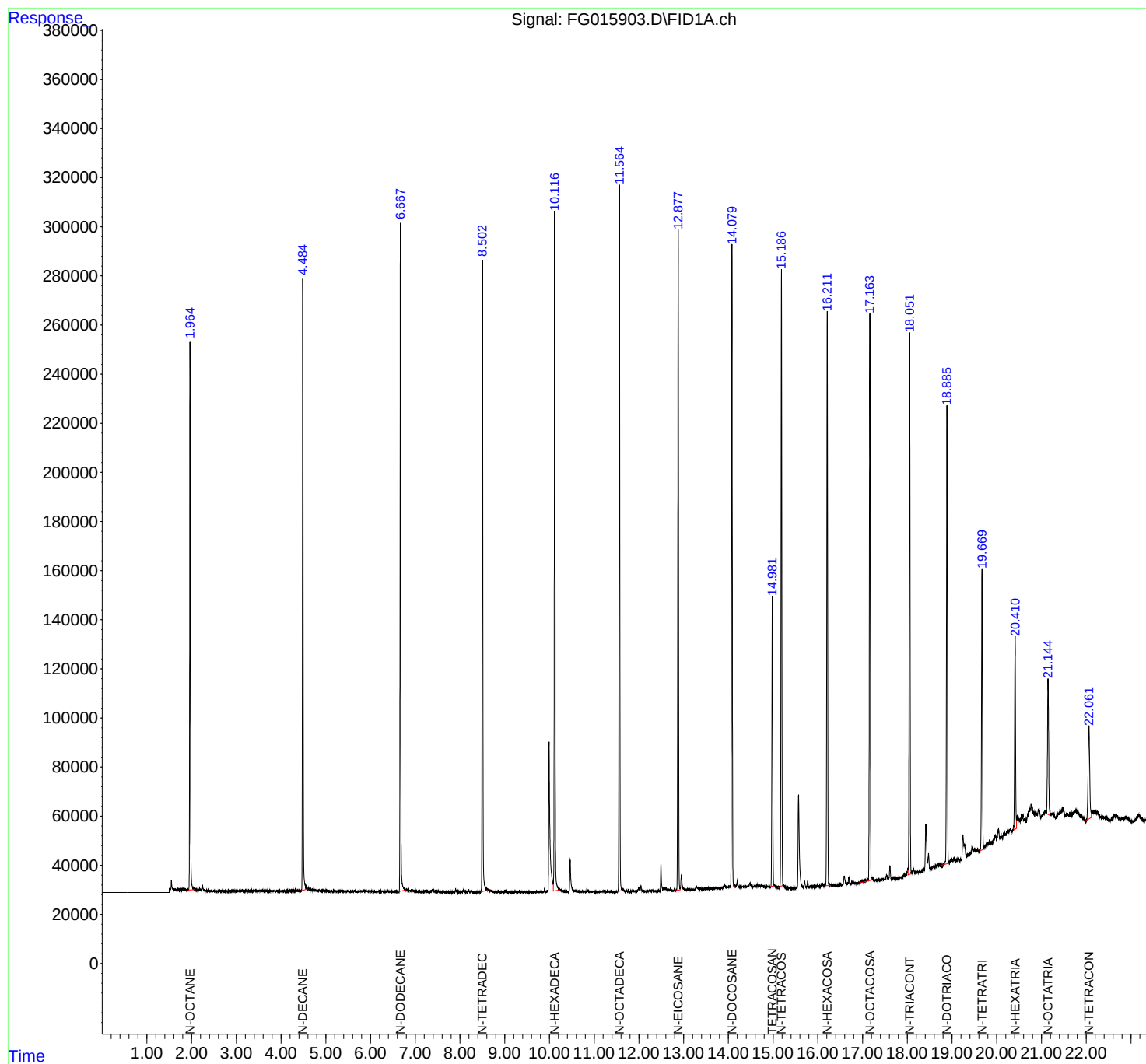
(m)=manual int.

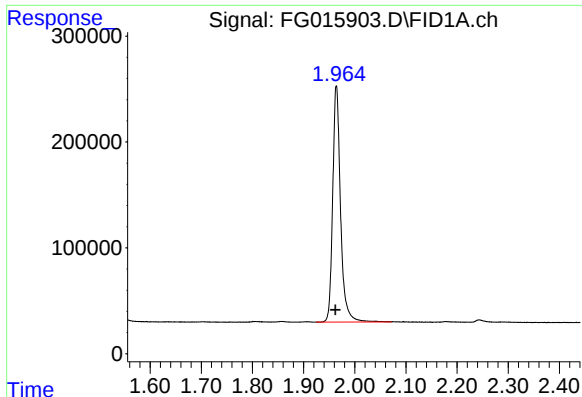
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Response via : Initial Calibration
Integrator: ChemStation

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

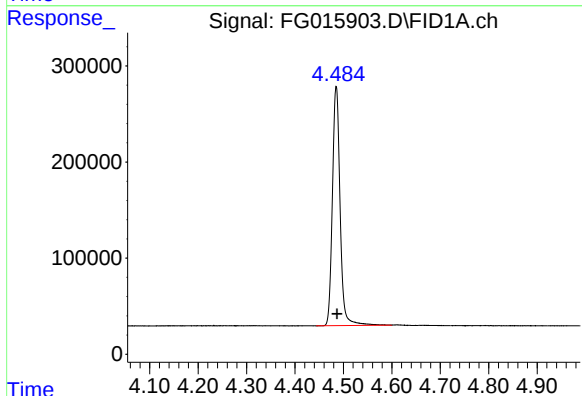




#1 N-OCTANE

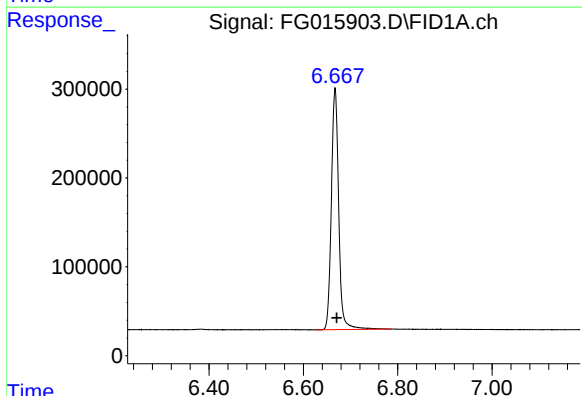
R.T.: 1.964 min
Delta R.T.: 0.002 min
Response: 2378606
Conc: 20.23 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS



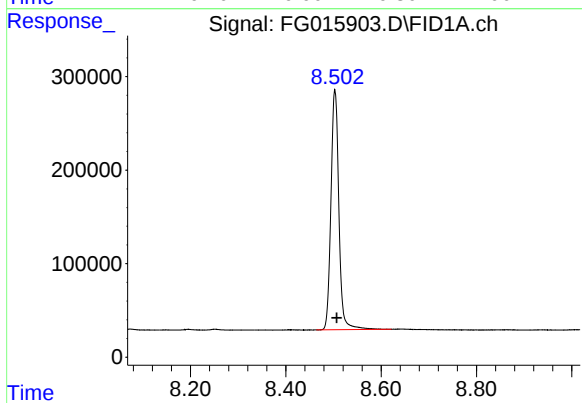
#2 N-DECANE

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 2717779
Conc: 23.13 ug/ml



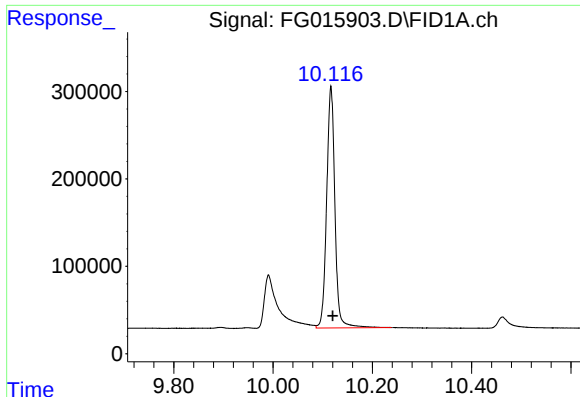
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2921598
Conc: 24.07 ug/ml



#4 N-TETRADECANE

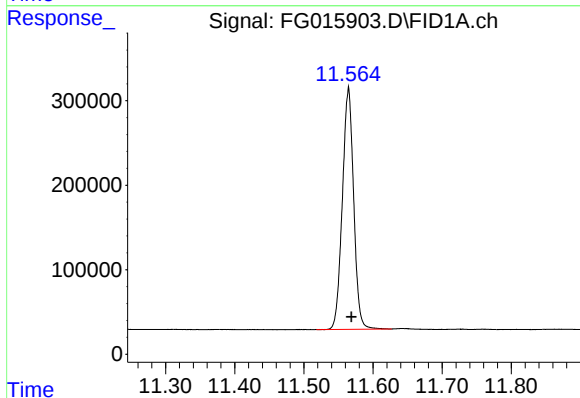
R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 2950277
Conc: 23.10 ug/ml



#5 N-HEXADECANE

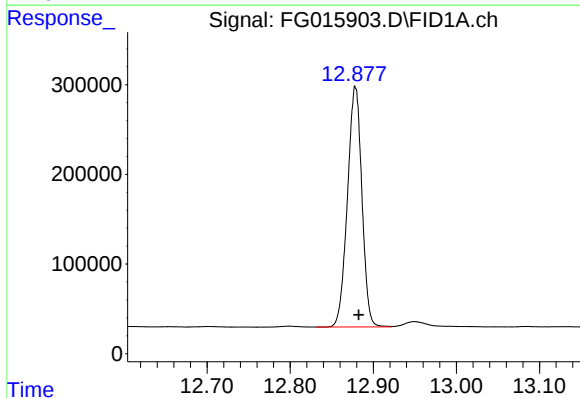
R.T.: 10.117 min
Delta R.T.: -0.004 min
Response: 3192538
Conc: 23.96 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS



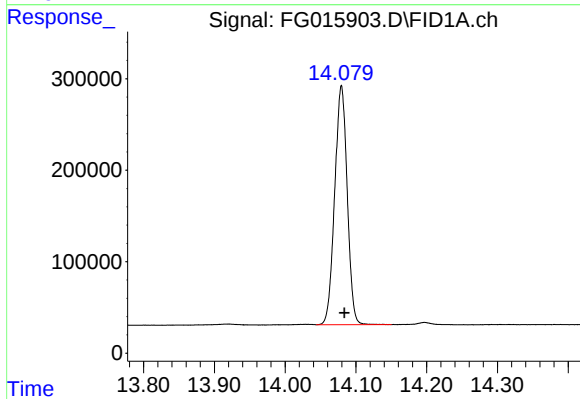
#6 N-OCTADECANE

R.T.: 11.565 min
Delta R.T.: -0.004 min
Response: 3248063
Conc: 23.54 ug/ml



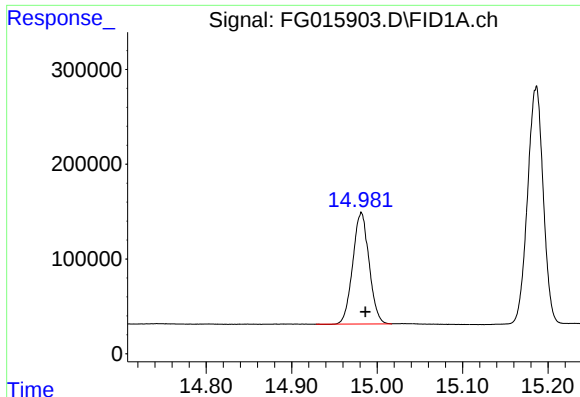
#7 N-EICOSANE

R.T.: 12.879 min
Delta R.T.: -0.004 min
Response: 3238782
Conc: 22.93 ug/ml



#8 N-DOCOSANE

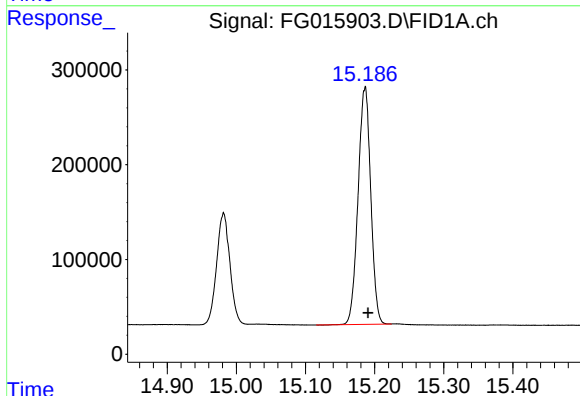
R.T.: 14.080 min
Delta R.T.: -0.004 min
Response: 3213690
Conc: 23.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

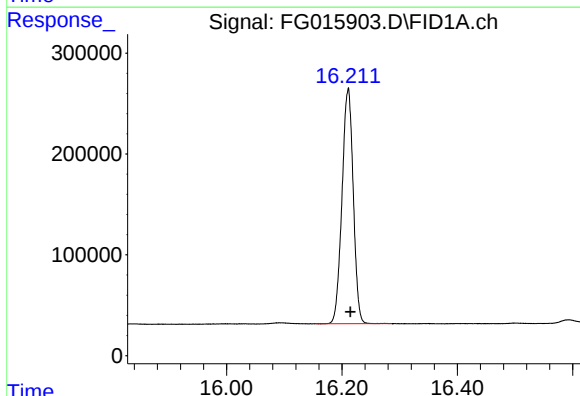
R.T.: 14.982 min
Delta R.T.: -0.005 min
Response: 1560457
Conc: 12.73 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS



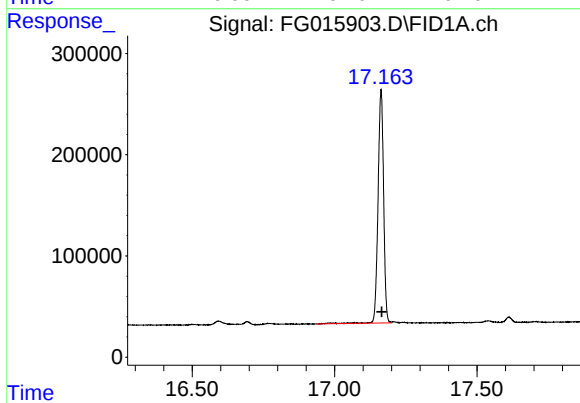
#10 N-TETRACOSANE

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 3186827
Conc: 23.18 ug/ml



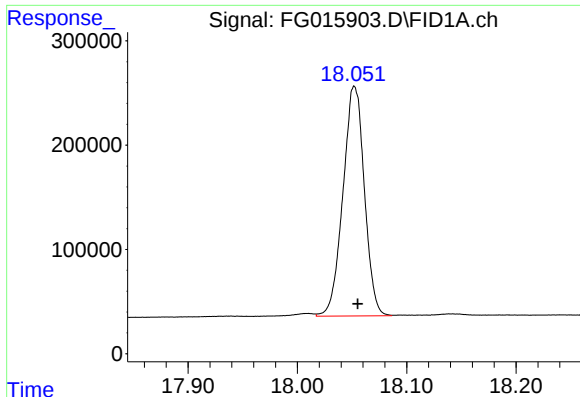
#11 N-HEXACOSANE

R.T.: 16.211 min
Delta R.T.: -0.004 min
Response: 3154555
Conc: 23.22 ug/ml



#12 N-OCTACOSANE

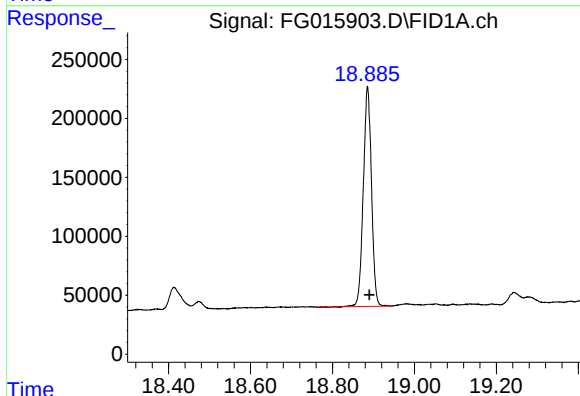
R.T.: 17.163 min
Delta R.T.: -0.003 min
Response: 3134697
Conc: 23.25 ug/ml



#13 N-TRIACONTANE

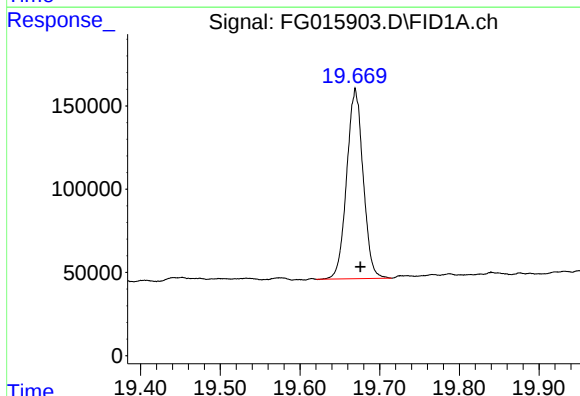
R.T.: 18.052 min
Delta R.T.: -0.003 min
Response: 2998317
Conc: 21.97 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS



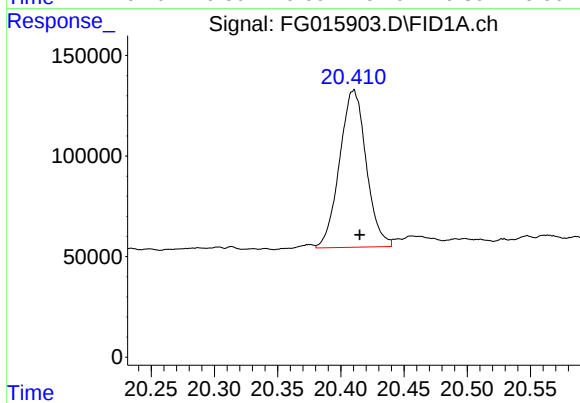
#14 N-DOTRIACONTANE

R.T.: 18.886 min
Delta R.T.: -0.005 min
Response: 2580606
Conc: 19.27 ug/ml



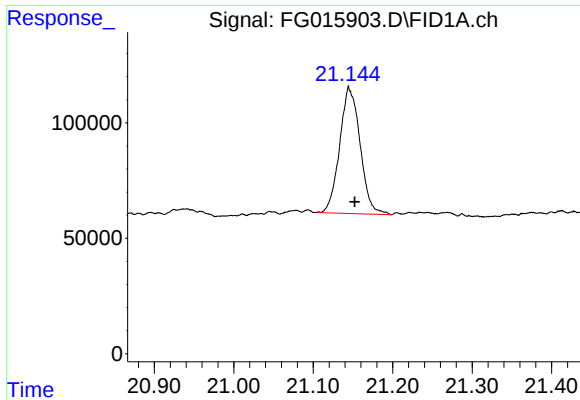
#15 N-TETRATRIACONTANE

R.T.: 19.670 min
Delta R.T.: -0.006 min
Response: 1632349
Conc: 13.46 ug/ml



#16 N-HEXATRIACONTANE

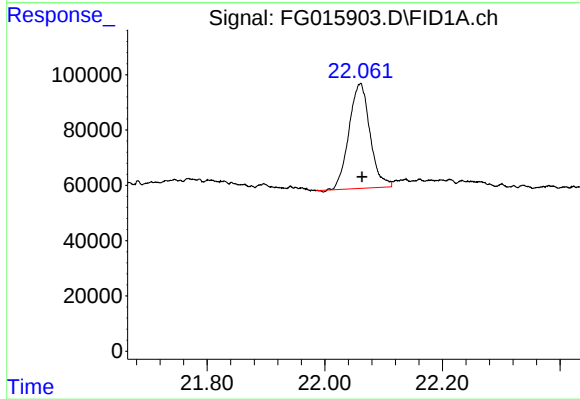
R.T.: 20.410 min
Delta R.T.: -0.005 min
Response: 1146214
Conc: 10.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.145 min
Delta R.T.: -0.007 min
Response: 976429
Conc: 10.17 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS



#18 N-TETRACONTANE

R.T.: 22.061 min
Delta R.T.: -0.003 min
Response: 938843
Conc: 10.67 ug/ml