

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016402.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 18:27
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:18:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.193	2081694	21.850 ug/ml
Target Compounds			
1) N-OCTANE	2.118	115090	1.085 ug/ml
2) N-DECANE	4.662	125572	1.162 ug/ml
3) N-DODECANE	6.843	118837	1.093 ug/ml
4) N-TETRADECANE	8.684	96537	0.883 ug/ml
5) N-HEXADECANE	10.305	129023	1.187 ug/ml
6) N-OCTADECANE	11.758	138215	1.250 ug/ml
7) N-EICOSANE	13.078	143216	1.267 ug/ml
8) N-DOCOSANE	14.286	139100	1.266 ug/ml
10) N-TETRACOSANE	15.398	154223	1.408 ug/ml
11) N-HEXACOSANE	16.427	137825	1.289 ug/ml
12) N-OCTACOSANE	17.384	144136	1.338 ug/ml
13) N-TRIACONTANE	18.278	162850	1.495 ug/ml
14) N-DOTRIACONTANE	19.115	162473	1.543 ug/ml
15) N-TETRATRIACONTANE	19.905	115451	1.212 ug/ml
16) N-HEXATRIACONTANE	20.650	122430	1.639 ug/ml
17) N-OCTATRIACONTANE	21.439	90710	1.513 ug/ml
18) N-TETRACONTANE	22.442	85396	2.032 ug/ml

(f)=RT Delta > 1/2 Window

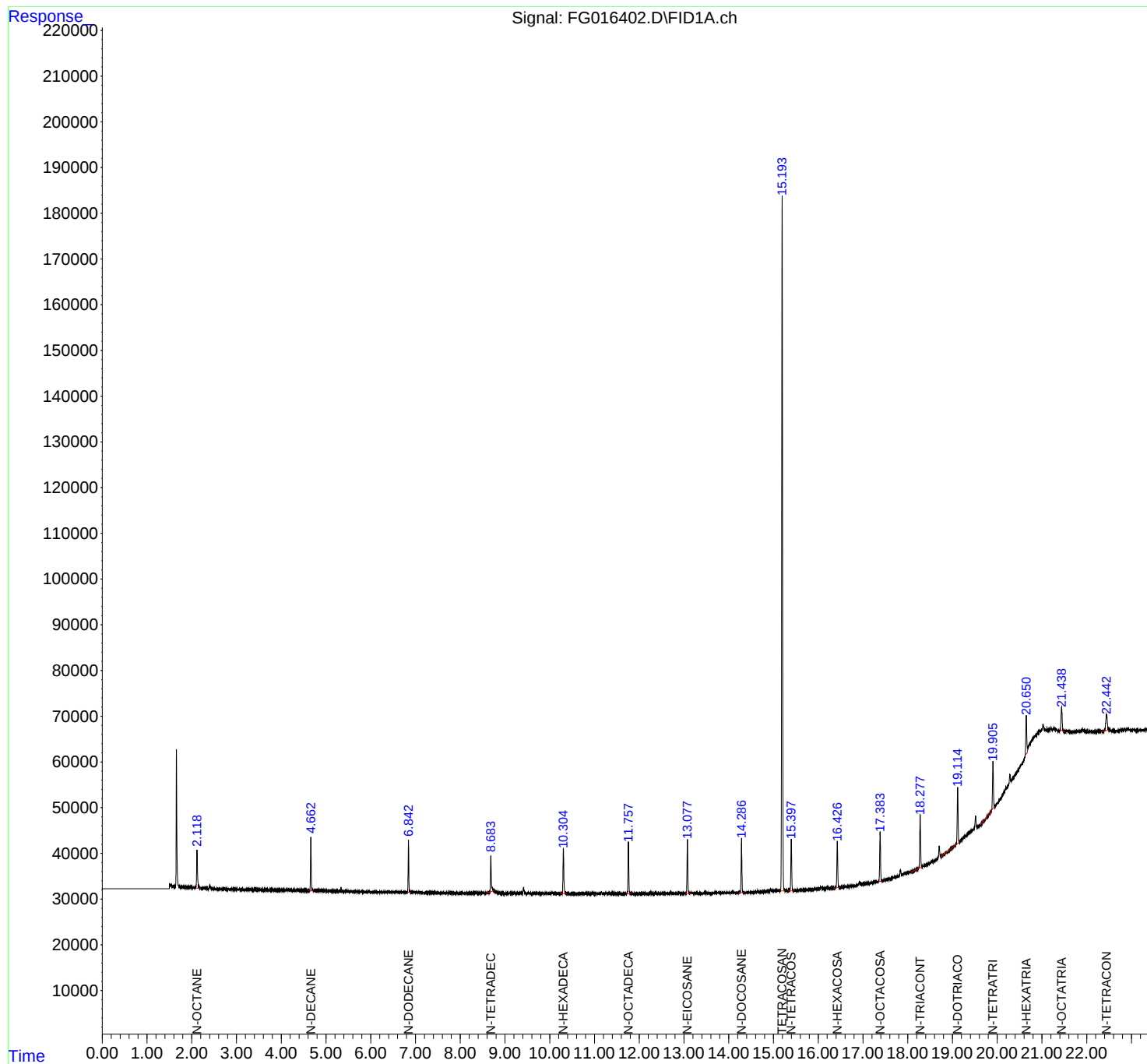
(m)=manual int.

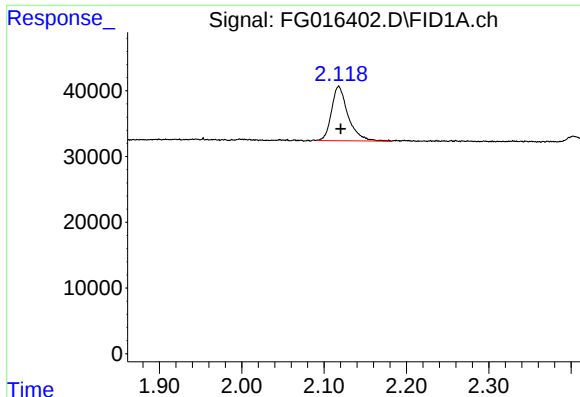
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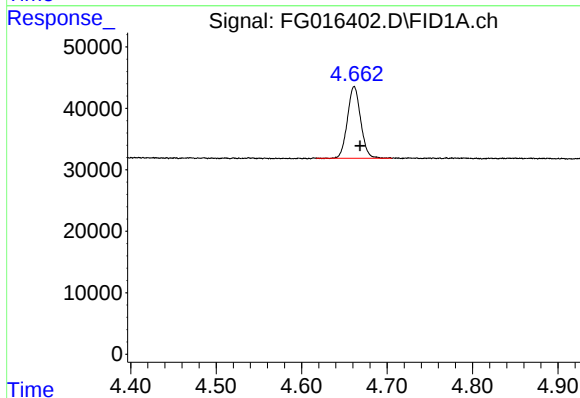




#1 N-OCTANE

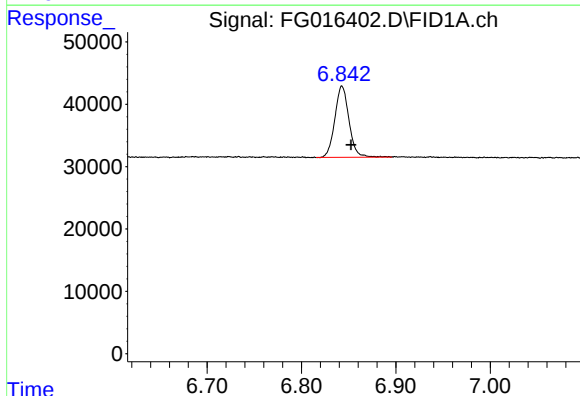
R.T.: 2.118 min
Delta R.T.: -0.002 min
Response: 115090
Conc: 1.08 ug/ml

Instrument :
FID_G
ClientSampleId :



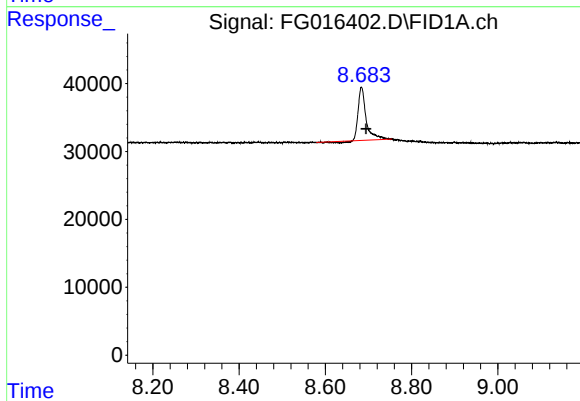
#2 N-DECANE

R.T.: 4.662 min
Delta R.T.: -0.007 min
Response: 125572
Conc: 1.16 ug/ml



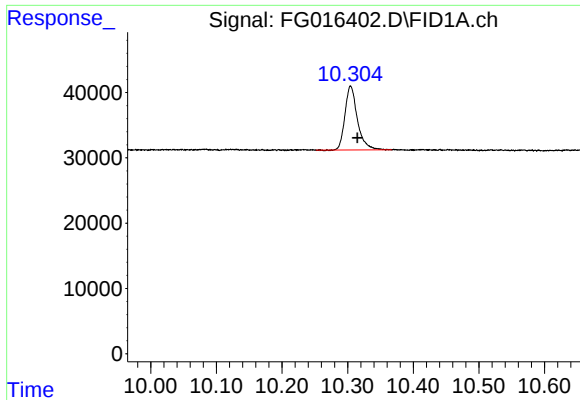
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 118837
Conc: 1.09 ug/ml



#4 N-TETRADECANE

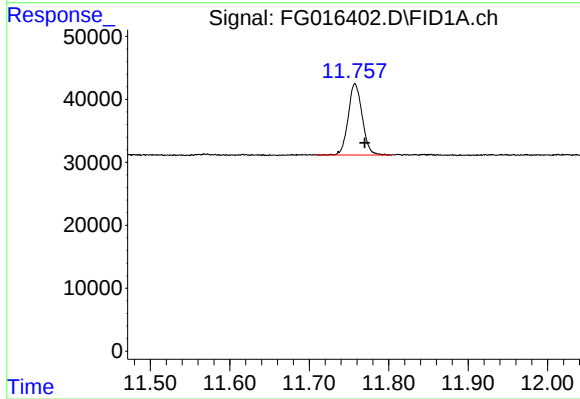
R.T.: 8.684 min
Delta R.T.: -0.011 min
Response: 96537
Conc: 0.88 ug/ml



#5 N-HEXADECANE

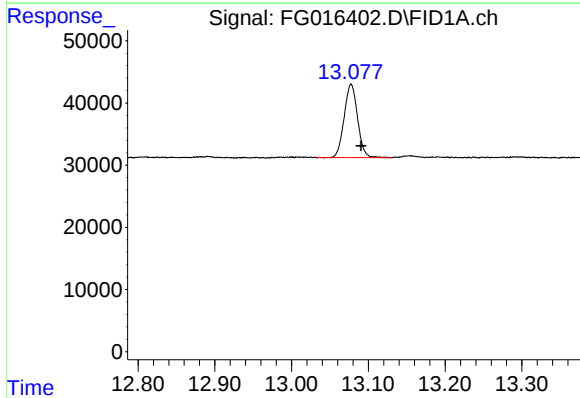
R.T.: 10.305 min
Delta R.T.: -0.010 min
Response: 129023
Conc: 1.19 ug/ml

Instrument :
FID_G
ClientSampleId :



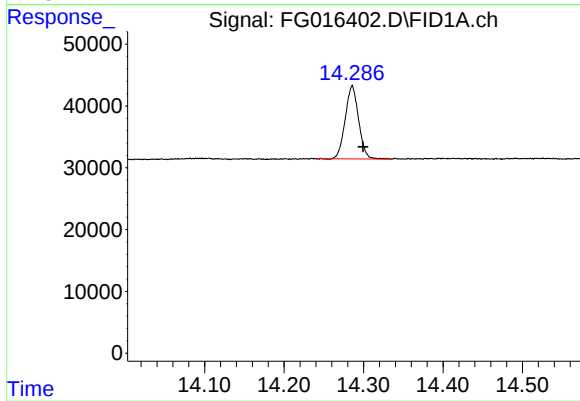
#6 N-OCTADECANE

R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 138215
Conc: 1.25 ug/ml



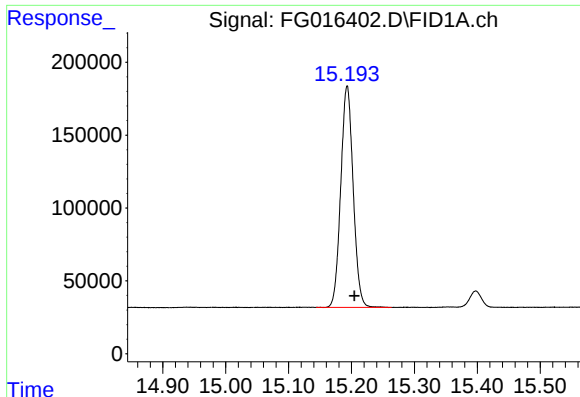
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 143216
Conc: 1.27 ug/ml



#8 N-DOCOSANE

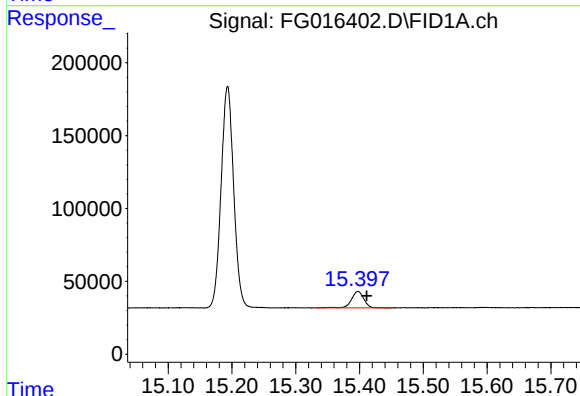
R.T.: 14.286 min
Delta R.T.: -0.014 min
Response: 139100
Conc: 1.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

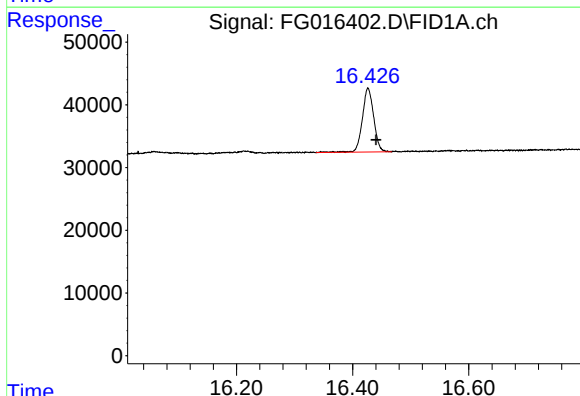
R.T.: 15.193 min
Delta R.T.: -0.012 min
Response: 2081694
Conc: 21.85 ug/ml

Instrument :
FID_G
ClientSampleId :



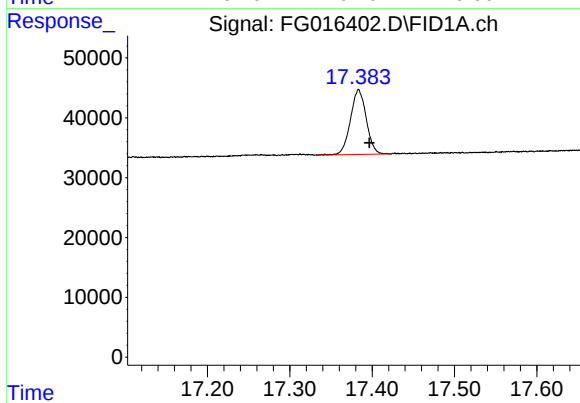
#10 N-TETRACOSANE

R.T.: 15.398 min
Delta R.T.: -0.014 min
Response: 154223
Conc: 1.41 ug/ml



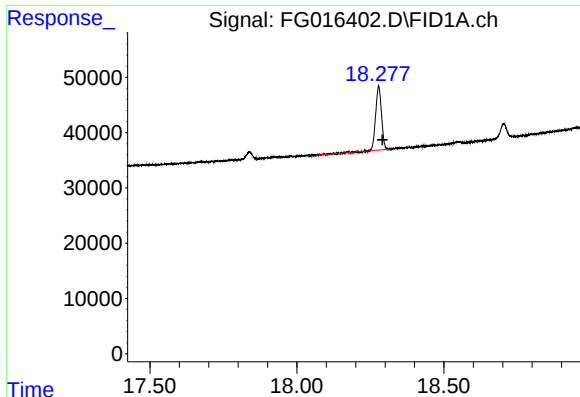
#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: -0.014 min
Response: 137825
Conc: 1.29 ug/ml



#12 N-OCTACOSANE

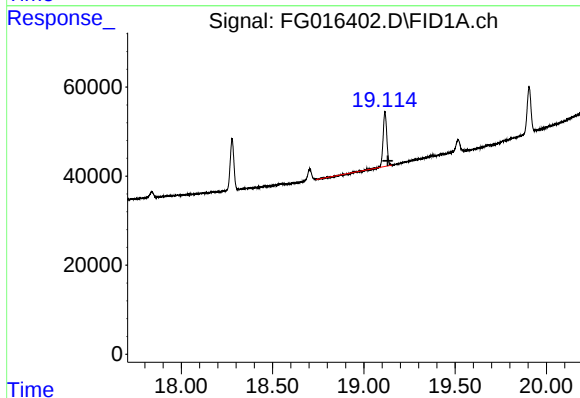
R.T.: 17.384 min
Delta R.T.: -0.013 min
Response: 144136
Conc: 1.34 ug/ml



#13 N-TRIACONTANE

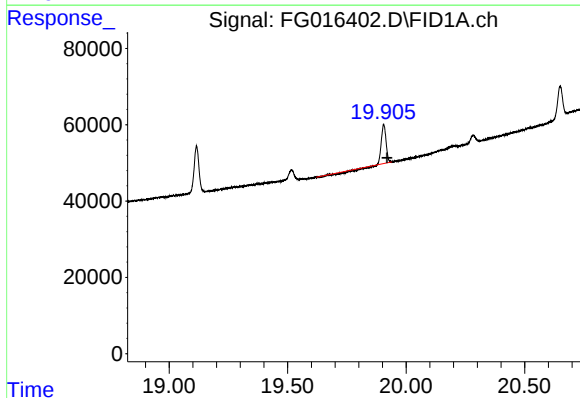
R.T.: 18.278 min
Delta R.T.: -0.013 min
Response: 162850
Conc: 1.49 ug/ml

Instrument :
FID_G
ClientSampleId :



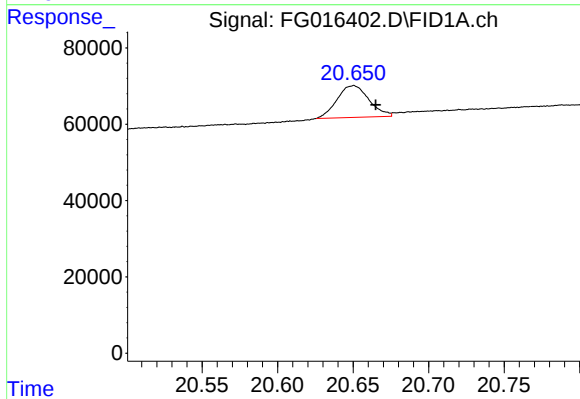
#14 N-DOTRIACONTANE

R.T.: 19.115 min
Delta R.T.: -0.015 min
Response: 162473
Conc: 1.54 ug/ml



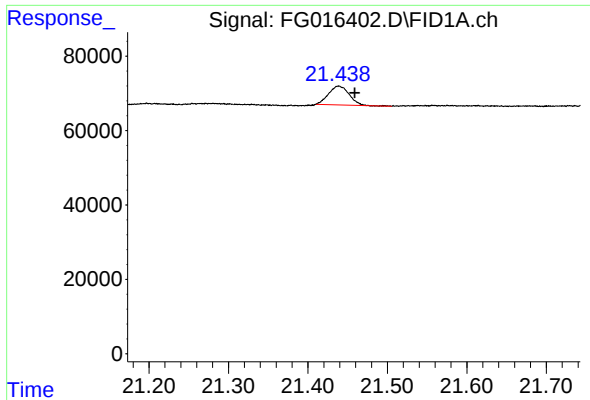
#15 N-TETRATRIACONTANE

R.T.: 19.905 min
Delta R.T.: -0.015 min
Response: 115451
Conc: 1.21 ug/ml



#16 N-HEXATRIACONTANE

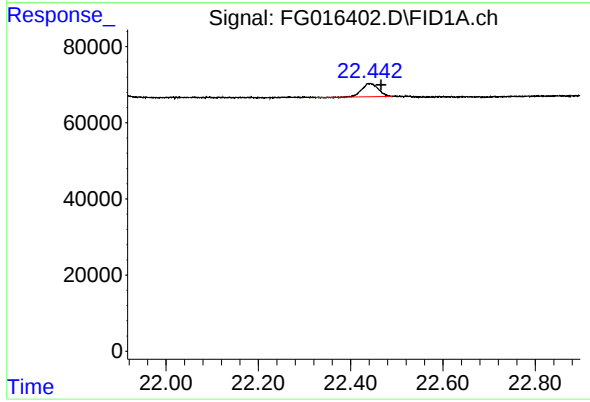
R.T.: 20.650 min
Delta R.T.: -0.015 min
Response: 122430
Conc: 1.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.439 min
Delta R.T.: -0.020 min
Response: 90710
Conc: 1.51 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.442 min
Delta R.T.: -0.023 min
Response: 85396
Conc: 2.03 ug/ml