

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016403.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 18:56
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:18:26 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	2083342	21.867 ug/ml
Target Compounds			
1) N-OCTANE	2.114	276993	2.610 ug/ml
2) N-DECANE	4.660	300208	2.778 ug/ml
3) N-DODECANE	6.842	289224	2.661 ug/ml
4) N-TETRADECANE	8.685	303415	2.775 ug/ml
5) N-HEXADECANE	10.304	309050	2.843 ug/ml
6) N-OCTADECANE	11.757	321546	2.907 ug/ml
7) N-EICOSANE	13.078	329047	2.911 ug/ml
8) N-DOCOSANE	14.286	319244	2.906 ug/ml
10) N-TETRACOSANE	15.396	334832	3.056 ug/ml
11) N-HEXACOSANE	16.426	310438	2.903 ug/ml
12) N-OCTACOSANE	17.383	319290	2.964 ug/ml
13) N-TRIACONTANE	18.277	325530	2.988 ug/ml
14) N-DOTRIACONTANE	19.115	317019	3.010 ug/ml
15) N-TETRATRIACONTANE	19.905	255581	2.682 ug/ml
16) N-HEXATRIACONTANE	20.650	219776	2.941 ug/ml
17) N-OCTATRIACONTANE	21.439	182798	3.049 ug/ml
18) N-TETRACONTANE	22.443	204819	4.873 ug/ml

(f)=RT Delta > 1/2 Window

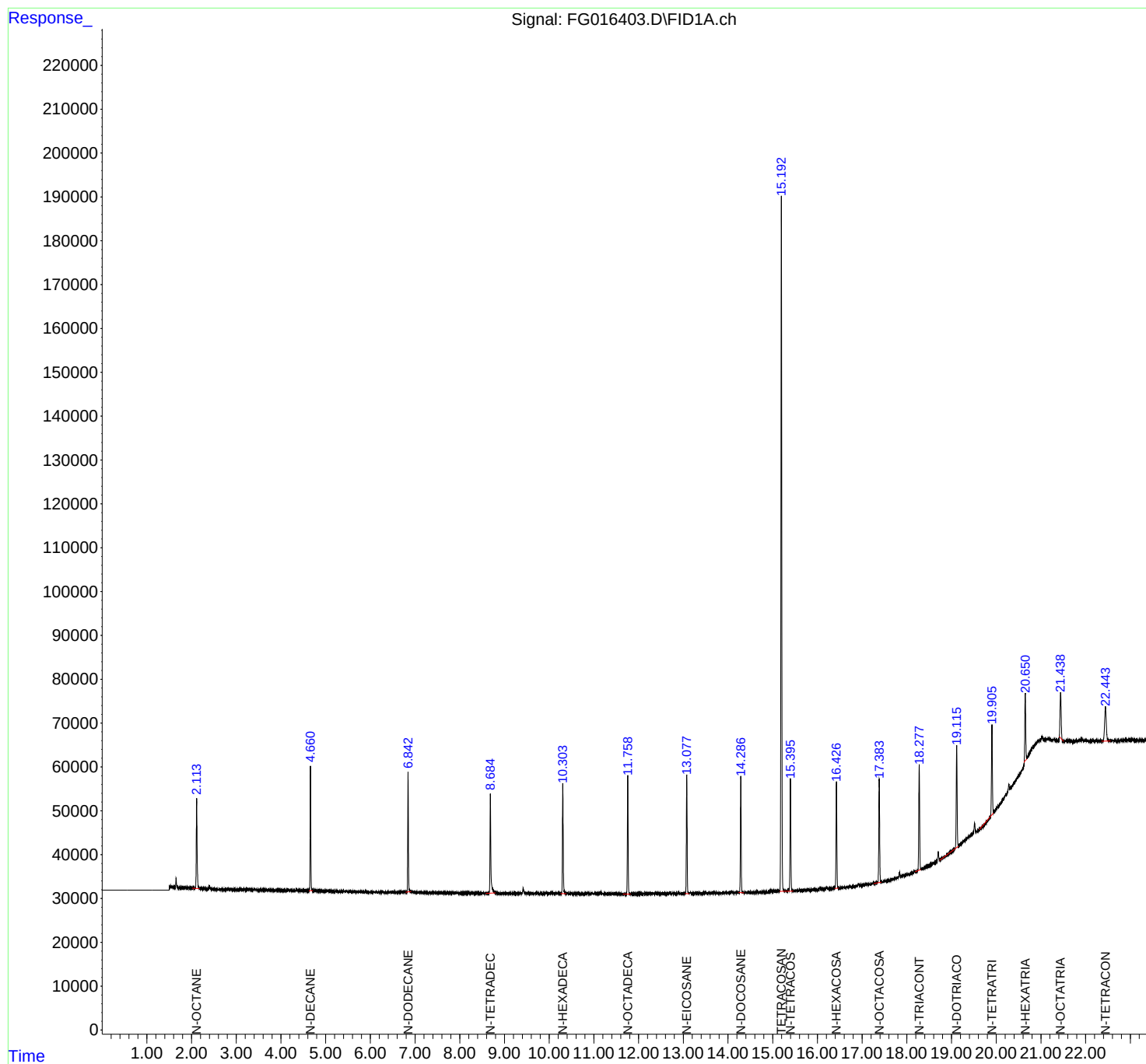
(m)=manual int.

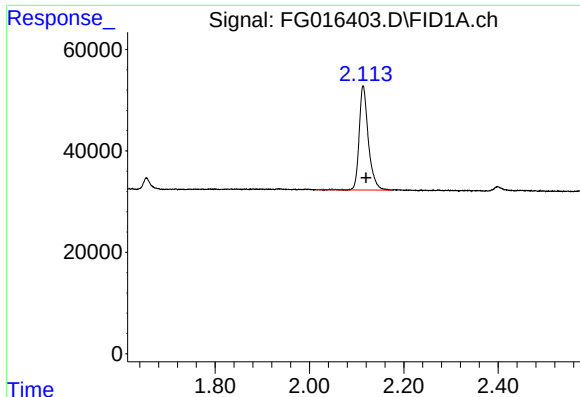
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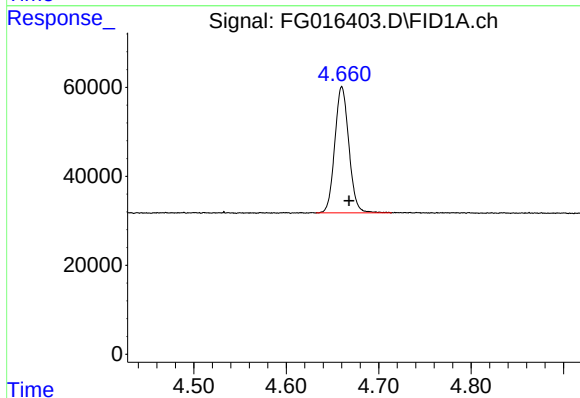




#1 N-OCTANE

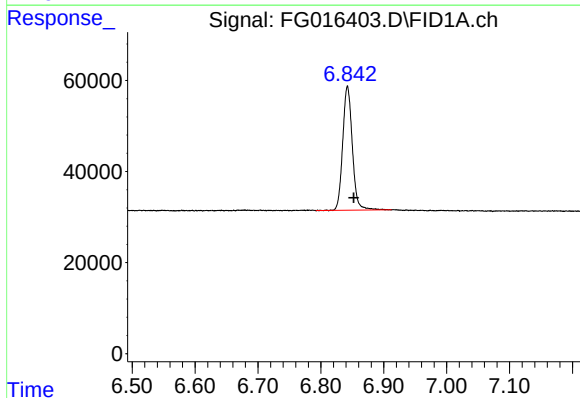
R.T.: 2.114 min
Delta R.T.: -0.006 min
Response: 276993
Conc: 2.61 ug/ml

Instrument :
FID_G
ClientSampleId :



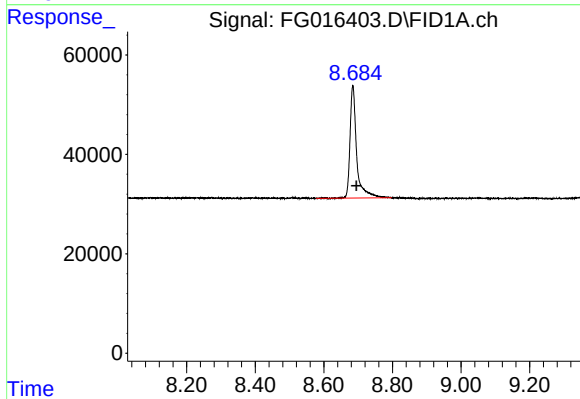
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.008 min
Response: 300208
Conc: 2.78 ug/ml



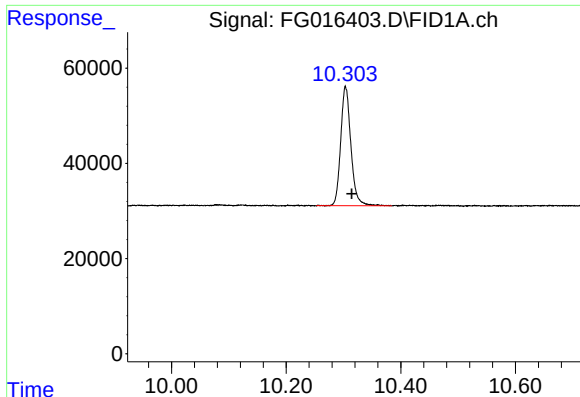
#3 N-DODECANE

R.T.: 6.842 min
Delta R.T.: -0.010 min
Response: 289224
Conc: 2.66 ug/ml



#4 N-TETRADECANE

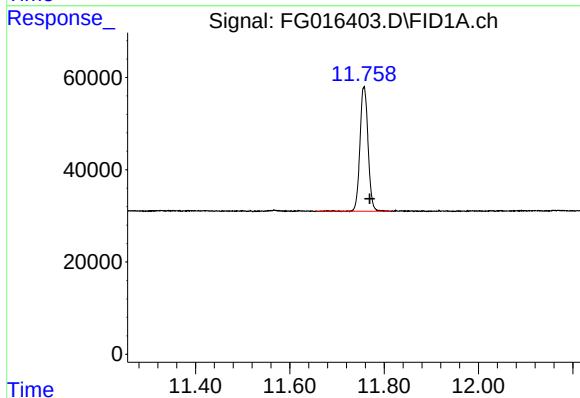
R.T.: 8.685 min
Delta R.T.: -0.010 min
Response: 303415
Conc: 2.77 ug/ml



#5 N-HEXADECANE

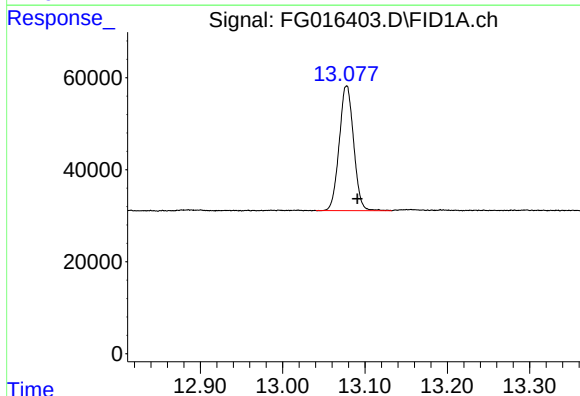
R.T.: 10.304 min
Delta R.T.: -0.011 min
Response: 309050
Conc: 2.84 ug/ml

Instrument :
FID_G
ClientSampleId :



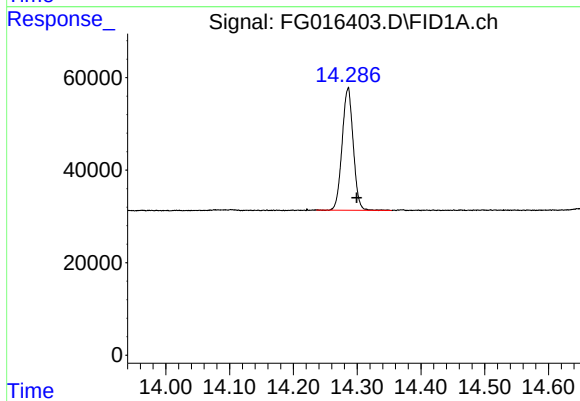
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 321546
Conc: 2.91 ug/ml



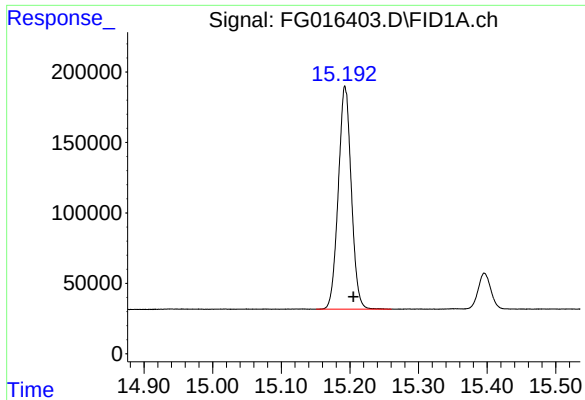
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 329047
Conc: 2.91 ug/ml



#8 N-DOCOSANE

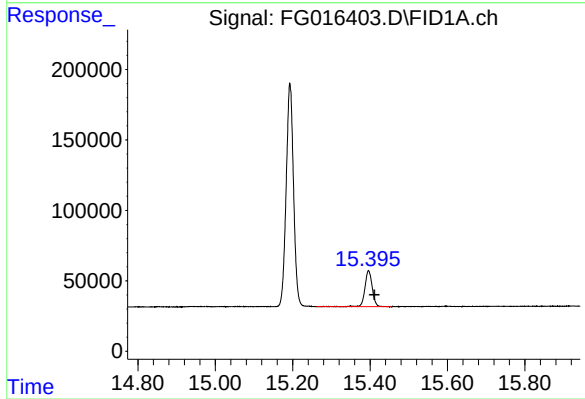
R.T.: 14.286 min
Delta R.T.: -0.014 min
Response: 319244
Conc: 2.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

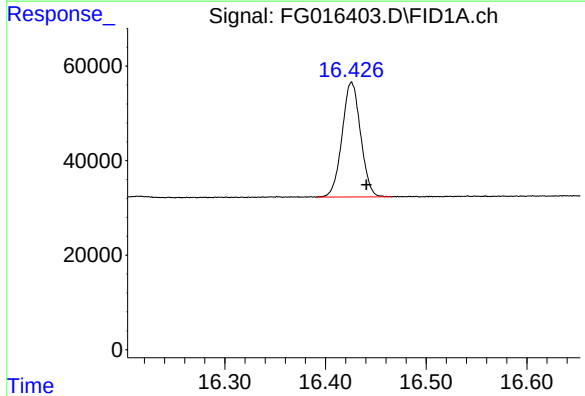
R.T.: 15.193 min
Delta R.T.: -0.012 min
Response: 2083342
Conc: 21.87 ug/ml

Instrument :
FID_G
ClientSampleId :



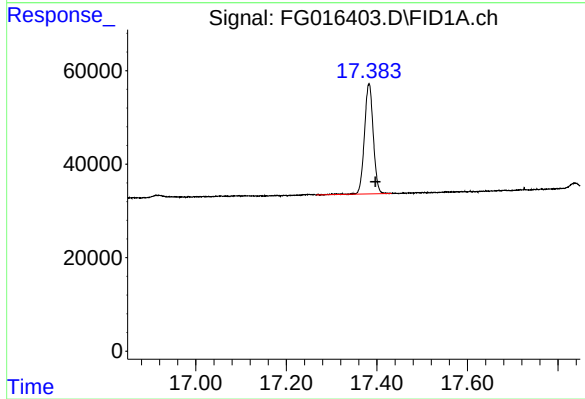
#10 N-TETRACOSANE

R.T.: 15.396 min
Delta R.T.: -0.015 min
Response: 334832
Conc: 3.06 ug/ml



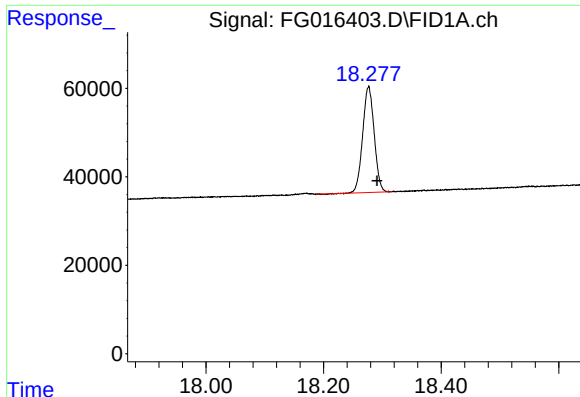
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: -0.015 min
Response: 310438
Conc: 2.90 ug/ml



#12 N-OCTACOSANE

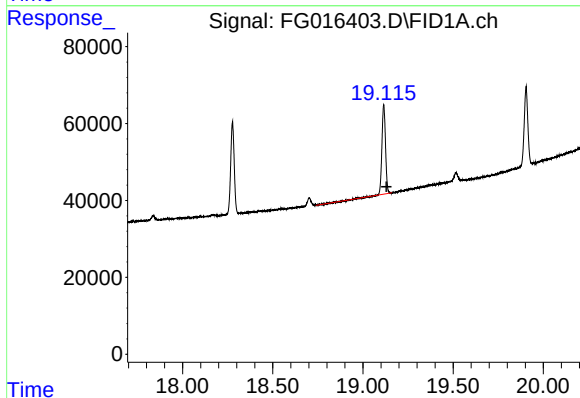
R.T.: 17.383 min
Delta R.T.: -0.014 min
Response: 319290
Conc: 2.96 ug/ml



#13 N-TRIACONTANE

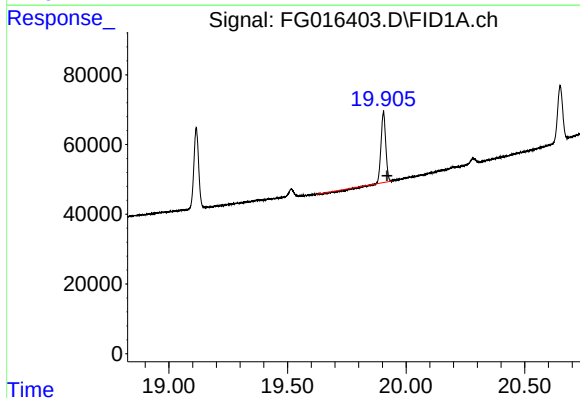
R.T.: 18.277 min
Delta R.T.: -0.014 min
Response: 325530
Conc: 2.99 ug/ml

Instrument :
FID_G
ClientSampleId :



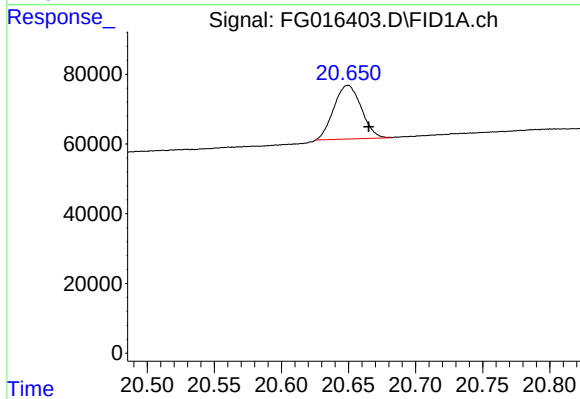
#14 N-DOTRIACONTANE

R.T.: 19.115 min
Delta R.T.: -0.015 min
Response: 317019
Conc: 3.01 ug/ml



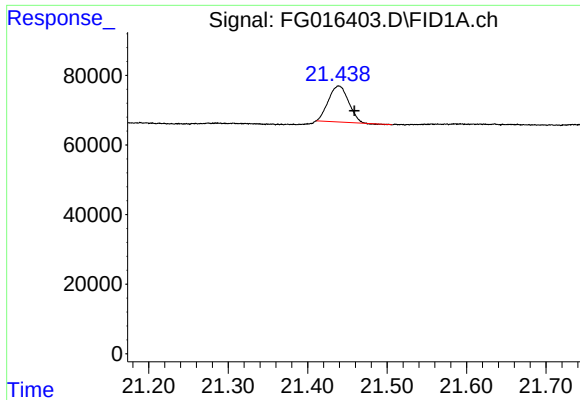
#15 N-TETRATRIACONTANE

R.T.: 19.905 min
Delta R.T.: -0.015 min
Response: 255581
Conc: 2.68 ug/ml



#16 N-HEXATRIACONTANE

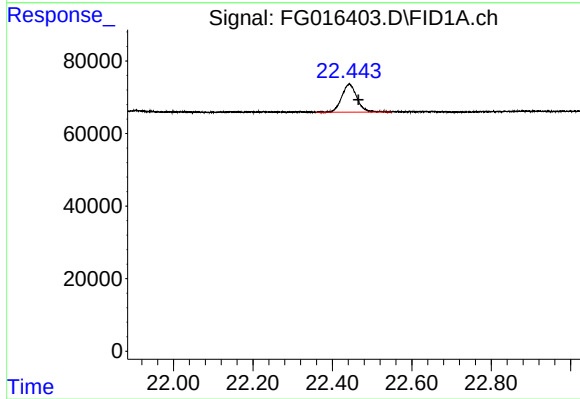
R.T.: 20.650 min
Delta R.T.: -0.015 min
Response: 219776
Conc: 2.94 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.439 min
Delta R.T.: -0.020 min
Response: 182798
Conc: 3.05 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.443 min
Delta R.T.: -0.023 min
Response: 204819
Conc: 4.87 ug/ml