

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017078.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 21:45
 Operator : YP\AJ
 Sample : Q3741-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 03:02:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.139	961809	9.243 ug/ml
Target Compounds			
1) N-OCTANE	2.082	1277508	10.264 ug/ml
2) N-DECANE	4.615	1459279	12.233 ug/ml
3) N-DODECANE	6.797	1586510	13.282 ug/ml
4) N-TETRADECANE	8.637	1857066	16.046 ug/ml
5) N-HEXADECANE	10.254	2028798	17.730 ug/ml
6) N-OCTADECANE	11.707	2216552	18.481 ug/ml
7) N-EICOSANE	13.026	2033676	16.360 ug/ml
8) N-DOCOSANE	14.233	1889099	15.822 ug/ml
10) N-TETRACOSANE	15.344	2117042	18.019 ug/ml
11) N-HEXACOSANE	16.373	2028588	18.056 ug/ml
12) N-OCTACOSANE	17.329	2181854	19.336 ug/ml
13) N-TRIACONTANE	18.223	1832930	16.376 ug/ml
14) N-DOTRIACONTANE	19.059	1923157	17.790 ug/ml
15) N-TETRATRIACONTANE	19.848	1779482	17.750 ug/ml
16) N-HEXATRIACONTANE	20.592	1687896	19.352 ug/ml
17) N-OCTATRIACONTANE	21.367	1696071	22.242 ug/ml
18) N-TETRACONTANE	22.345	1678084	26.822 ug/ml

(f)=RT Delta > 1/2 Window

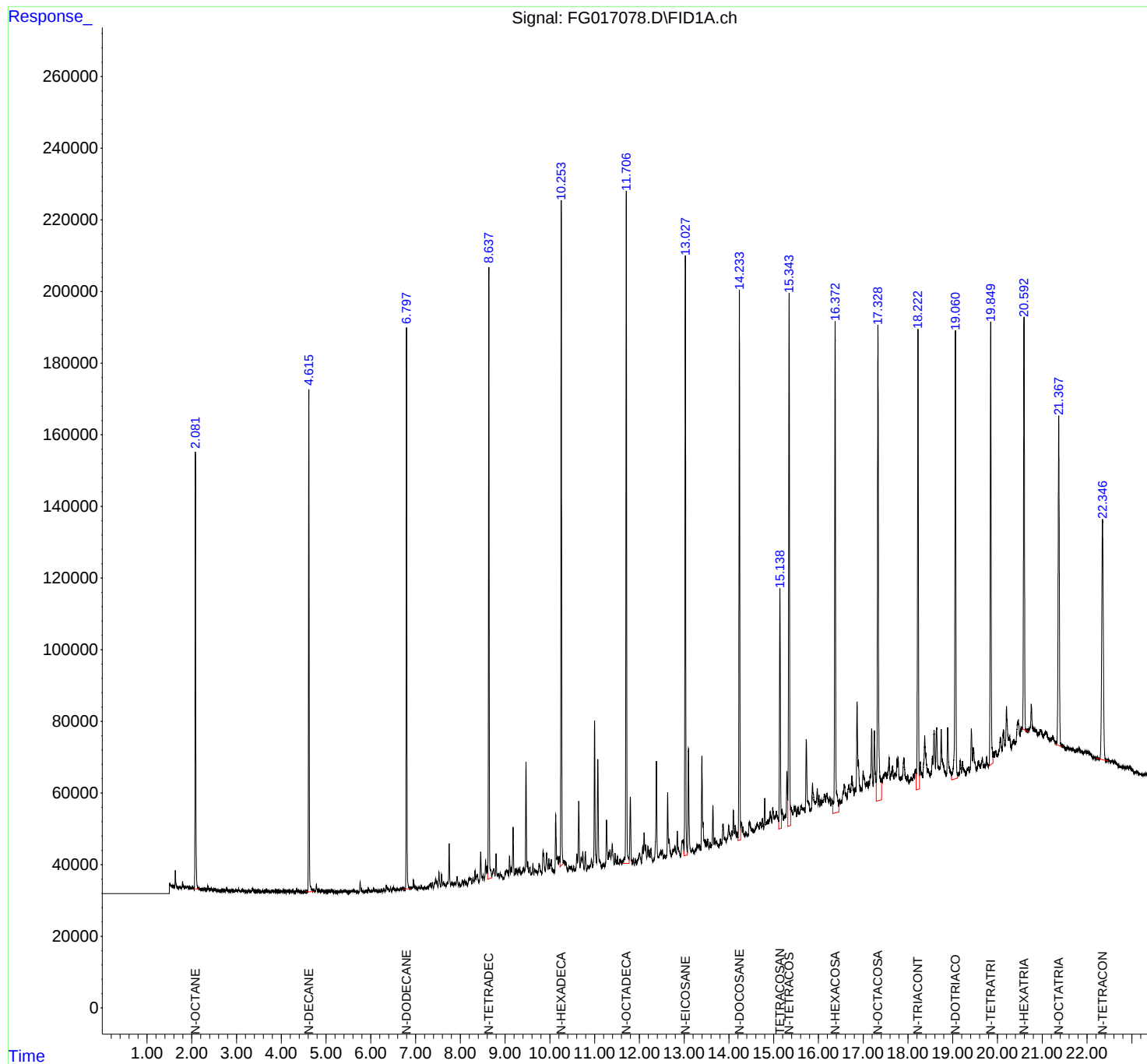
(m)=manual int.

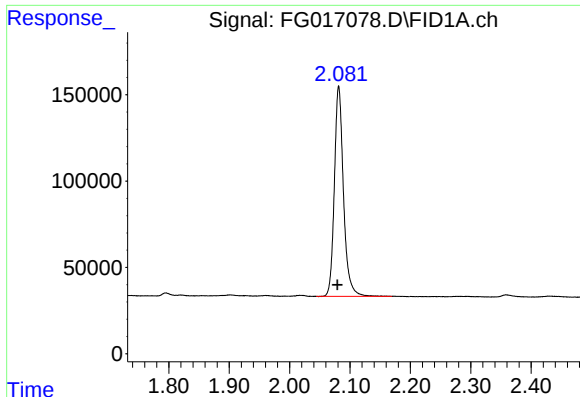
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Response via : Initial Calibration
Integrator: ChemStation

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

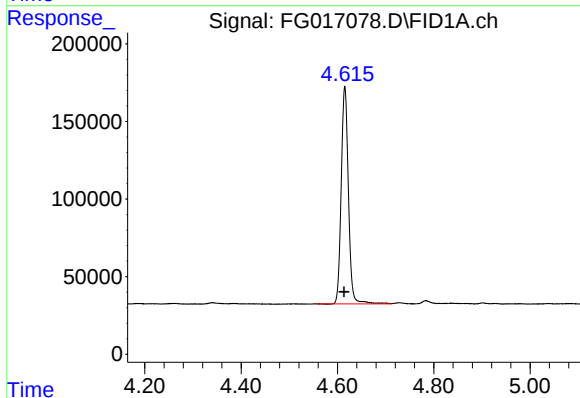




#1 N-OCTANE

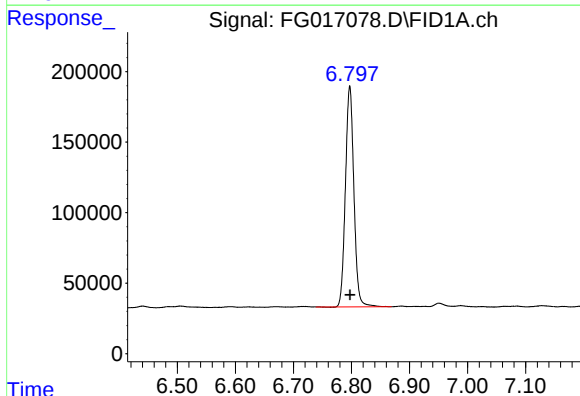
R.T.: 2.082 min
Delta R.T.: 0.003 min
Response: 1277508
Conc: 10.26 ug/ml

Instrument :
FID_E
ClientSampleId :



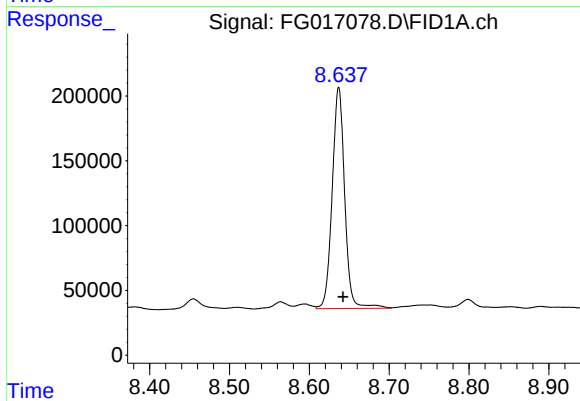
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 1459279
Conc: 12.23 ug/ml



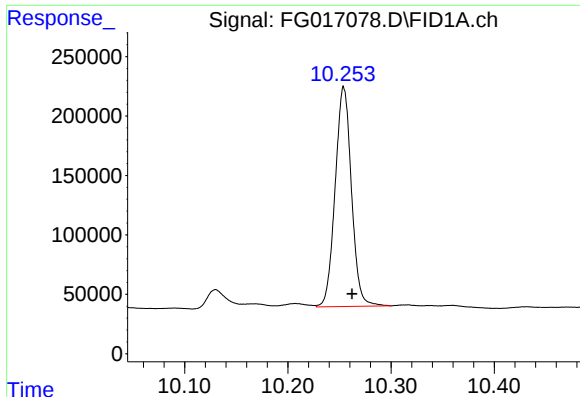
#3 N-DODECANE

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1586510
Conc: 13.28 ug/ml



#4 N-TETRADECANE

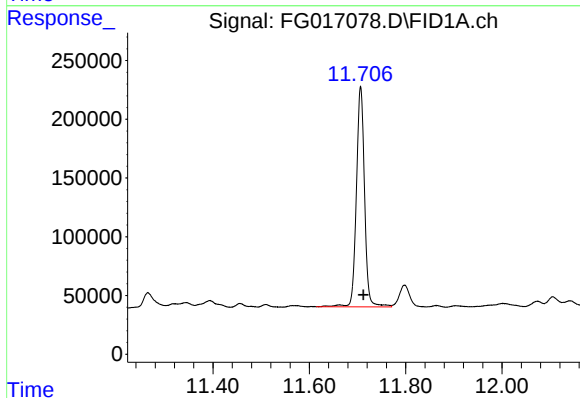
R.T.: 8.637 min
Delta R.T.: -0.005 min
Response: 1857066
Conc: 16.05 ug/ml



#5 N-HEXADECANE

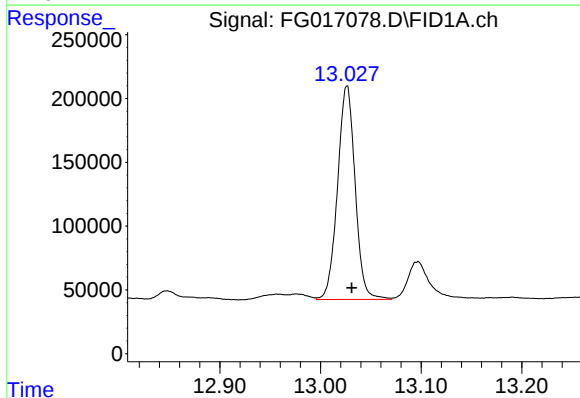
R.T.: 10.254 min
Delta R.T.: -0.008 min
Response: 2028798
Conc: 17.73 ug/ml

Instrument :
FID_E
ClientSampleId :



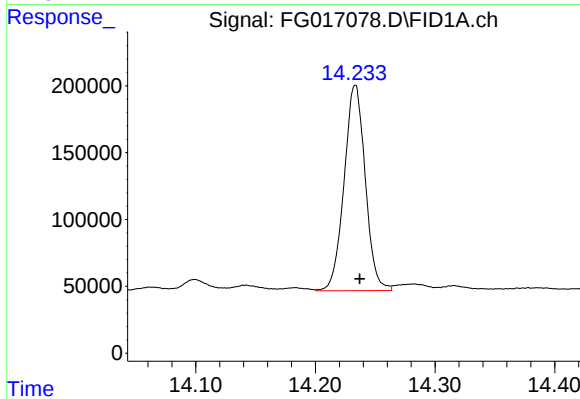
#6 N-OCTADECANE

R.T.: 11.707 min
Delta R.T.: -0.005 min
Response: 2216552
Conc: 18.48 ug/ml



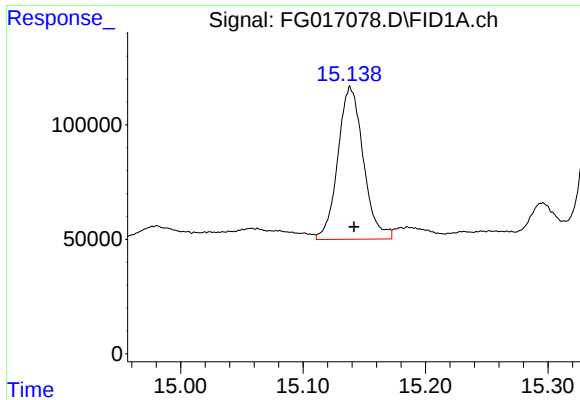
#7 N-EICOSANE

R.T.: 13.026 min
Delta R.T.: -0.005 min
Response: 2033676
Conc: 16.36 ug/ml



#8 N-DOCOSANE

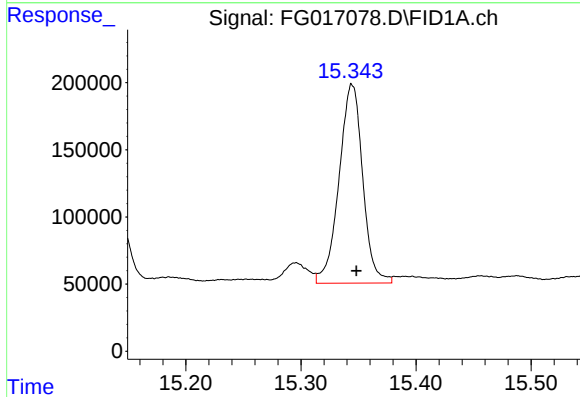
R.T.: 14.233 min
Delta R.T.: -0.004 min
Response: 1889099
Conc: 15.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

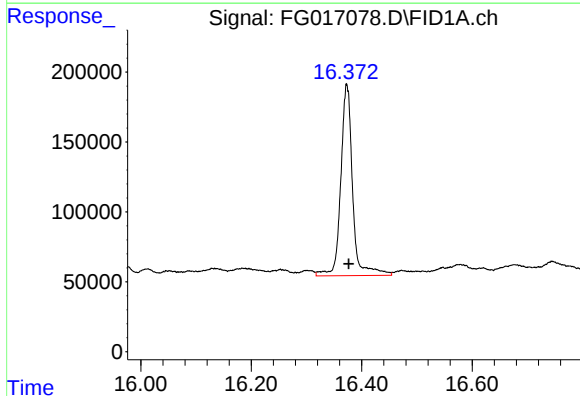
R.T.: 15.139 min
Delta R.T.: -0.003 min
Response: 961809
Conc: 9.24 ug/ml

Instrument :
FID_E
ClientSampleId :



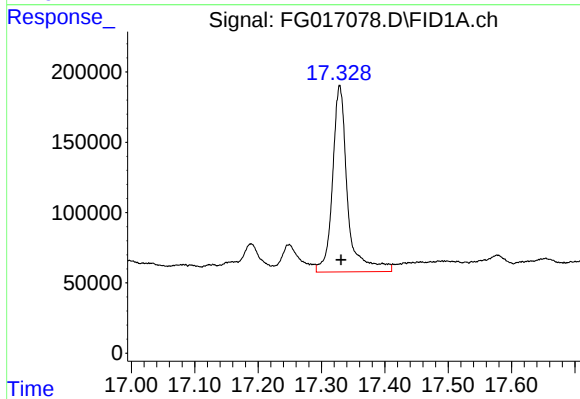
#10 N-TETRACOSANE

R.T.: 15.344 min
Delta R.T.: -0.004 min
Response: 2117042
Conc: 18.02 ug/ml



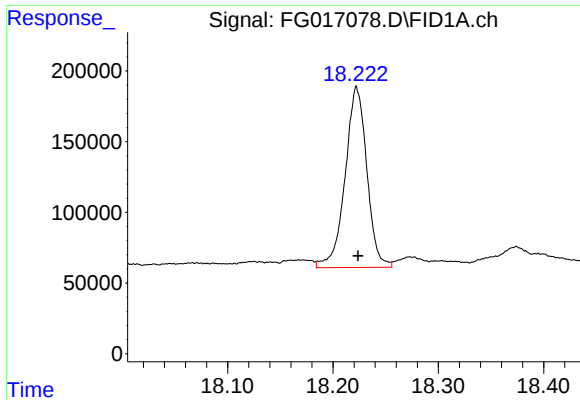
#11 N-HEXACOSANE

R.T.: 16.373 min
Delta R.T.: -0.003 min
Response: 2028588
Conc: 18.06 ug/ml



#12 N-OCTACOSANE

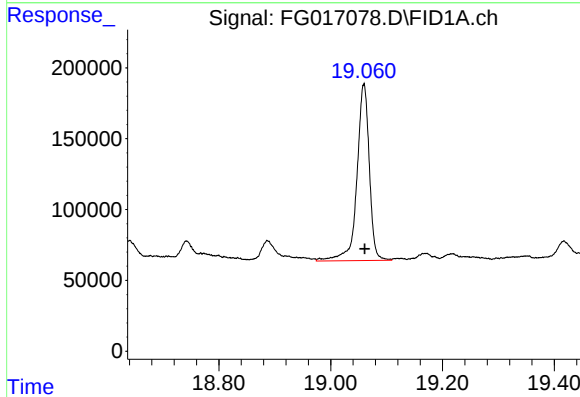
R.T.: 17.329 min
Delta R.T.: -0.003 min
Response: 2181854
Conc: 19.34 ug/ml



#13 N-TRIACONTANE

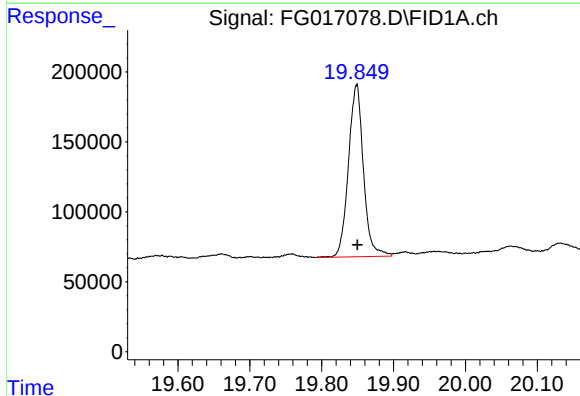
R.T.: 18.223 min
Delta R.T.: -0.001 min
Response: 1832930
Conc: 16.38 ug/ml

Instrument :
FID_E
ClientSampleId :



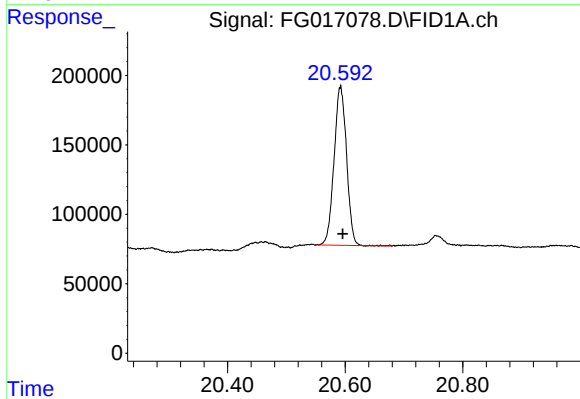
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.002 min
Response: 1923157
Conc: 17.79 ug/ml



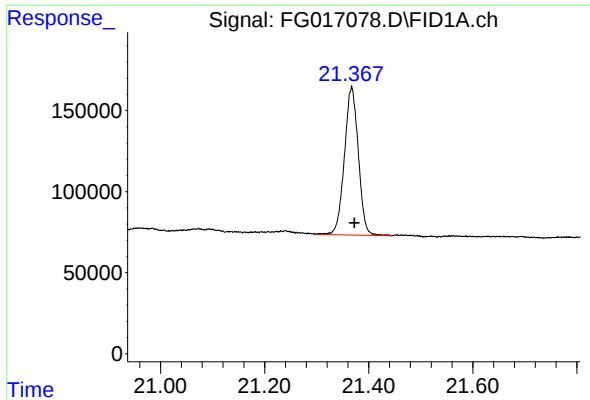
#15 N-TETRATRIACONTANE

R.T.: 19.848 min
Delta R.T.: -0.001 min
Response: 1779482
Conc: 17.75 ug/ml



#16 N-HEXATRIACONTANE

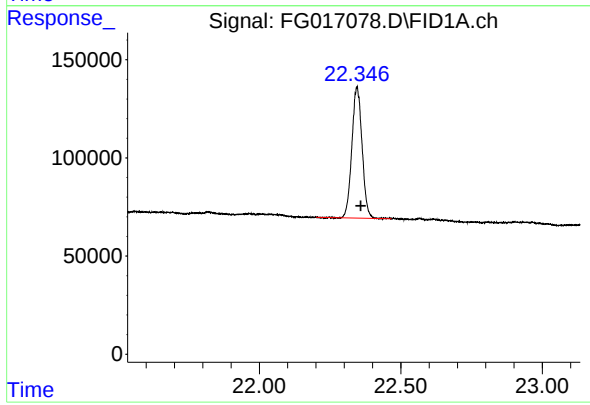
R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 1687896
Conc: 19.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.367 min
Delta R.T.: -0.005 min
Response: 1696071
Conc: 22.24 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.345 min
Delta R.T.: -0.014 min
Response: 1678084
Conc: 26.82 ug/ml