

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017072.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 18:50
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 03:00:34 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...	15.143	5857019	56.283 ug/ml
Target Compounds			
1) N-OCTANE	2.078	6420081	51.579 ug/ml
2) N-DECANE	4.617	6566456	55.046 ug/ml
3) N-DODECANE	6.800	6656800	55.730 ug/ml
4) N-TETRADECANE	8.639	6658234	57.532 ug/ml
5) N-HEXADECANE	10.258	6598124	57.663 ug/ml
6) N-OCTADECANE	11.710	6780382	56.532 ug/ml
7) N-EICOSANE	13.030	6957484	55.969 ug/ml
8) N-DOCOSANE	14.237	6720024	56.284 ug/ml
10) N-TETRACOSANE	15.349	6619079	56.338 ug/ml
11) N-HEXACOSANE	16.376	6362212	56.630 ug/ml
12) N-OCTACOSANE	17.332	6290749	55.751 ug/ml
13) N-TRIACONTANE	18.226	6211456	55.496 ug/ml
14) N-DOTRIACONTANE	19.064	5952793	55.065 ug/ml
15) N-TETRATRIACONTANE	19.852	5503062	54.893 ug/ml
16) N-HEXATRIACONTANE	20.596	4812154	55.172 ug/ml
17) N-OCTATRIACONTANE	21.372	4272840	56.034 ug/ml
18) N-TETRACONTANE	22.352	3874732	61.932 ug/ml

(f)=RT Delta > 1/2 Window

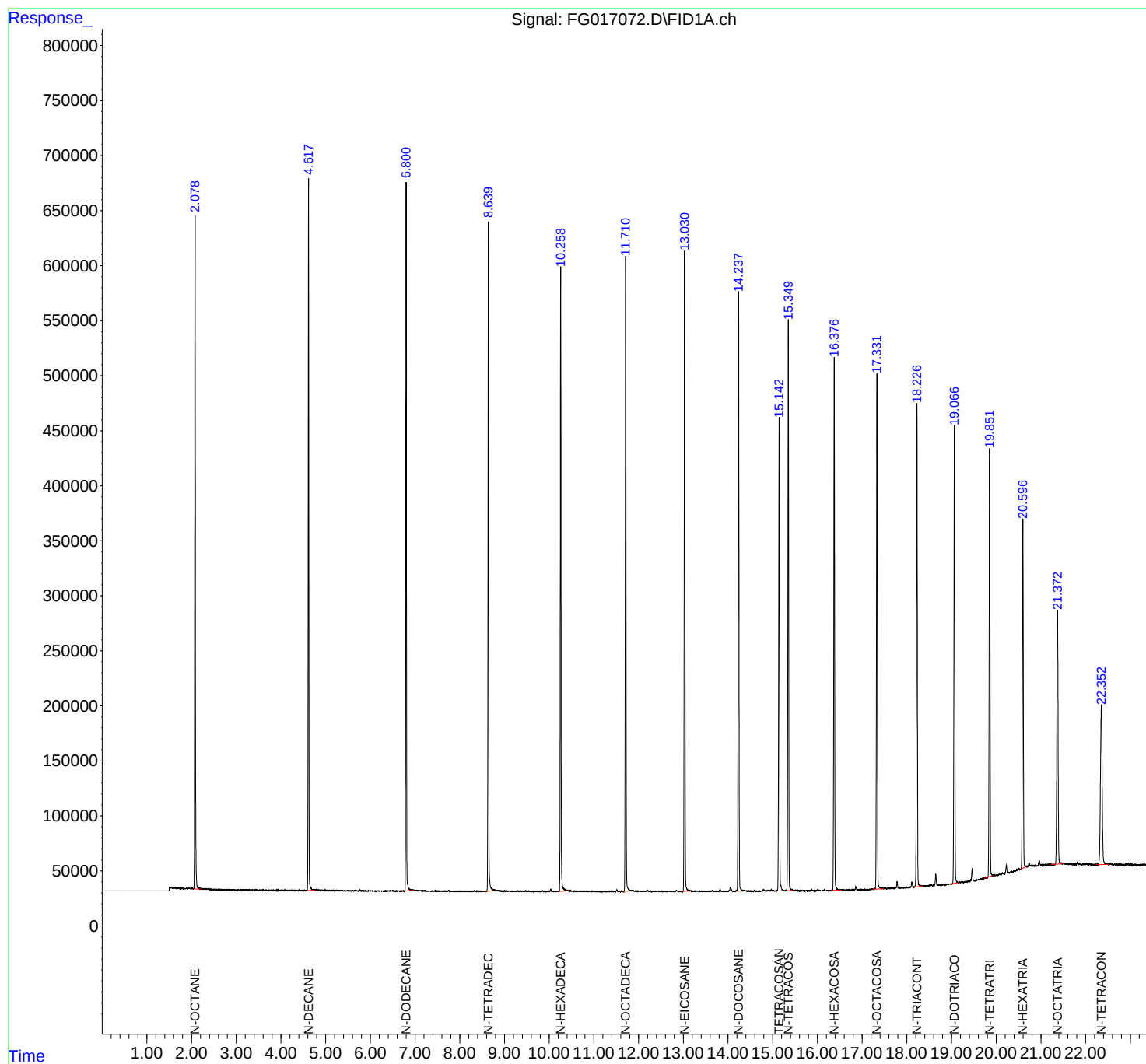
(m)=manual int.

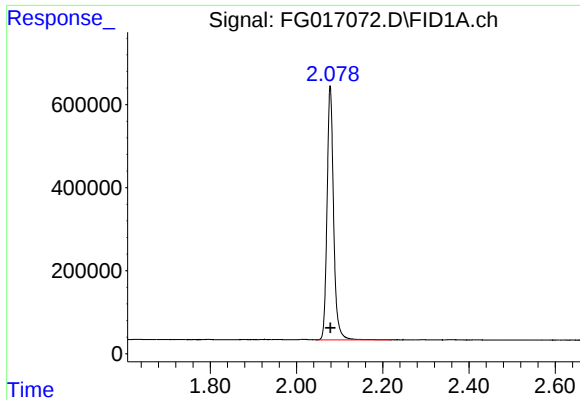
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Signal Info : 20mx0.18mmx0.18um

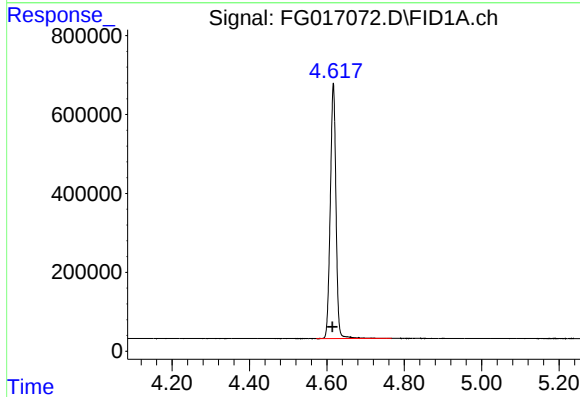




#1 N-OCTANE

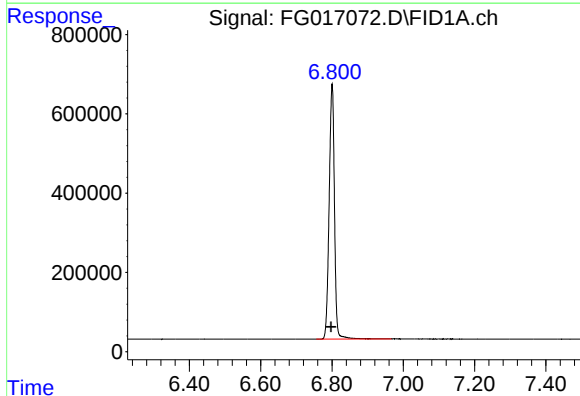
R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 6420081
Conc: 51.58 ug/ml

Instrument :
FID_E
ClientSampleId :



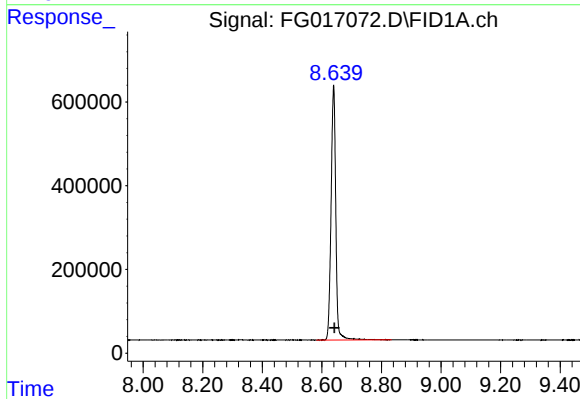
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 6566456
Conc: 55.05 ug/ml



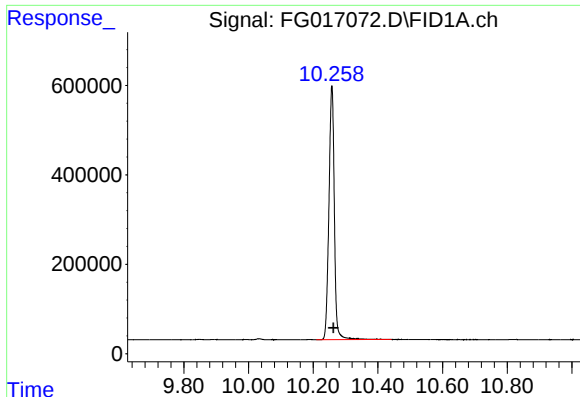
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 6656800
Conc: 55.73 ug/ml



#4 N-TETRADECANE

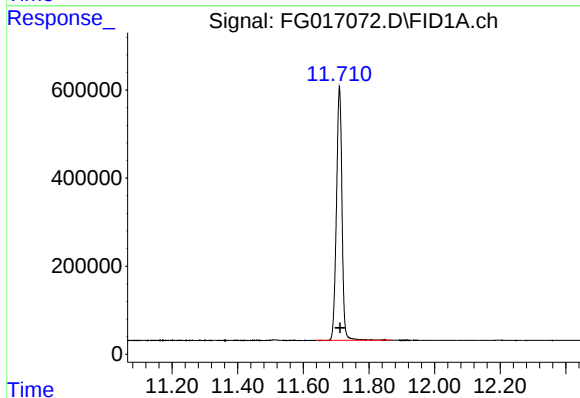
R.T.: 8.639 min
Delta R.T.: -0.003 min
Response: 6658234
Conc: 57.53 ug/ml



#5 N-HEXADECANE

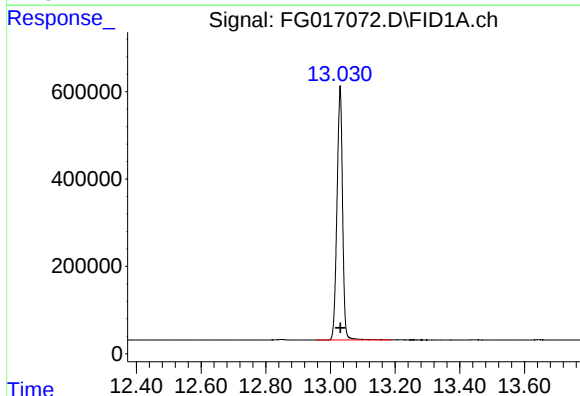
R.T.: 10.258 min
Delta R.T.: -0.005 min
Response: 6598124
Conc: 57.66 ug/ml

Instrument :
FID_E
ClientSampleId :



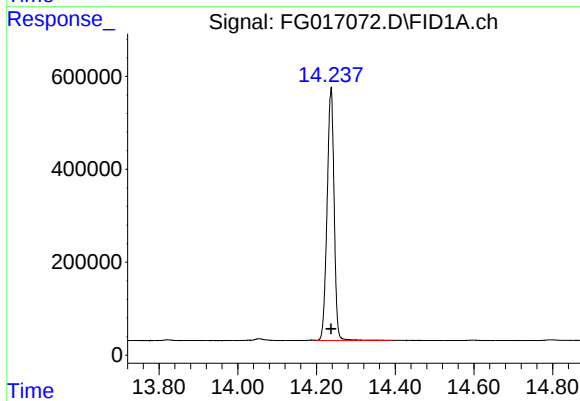
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.002 min
Response: 6780382
Conc: 56.53 ug/ml



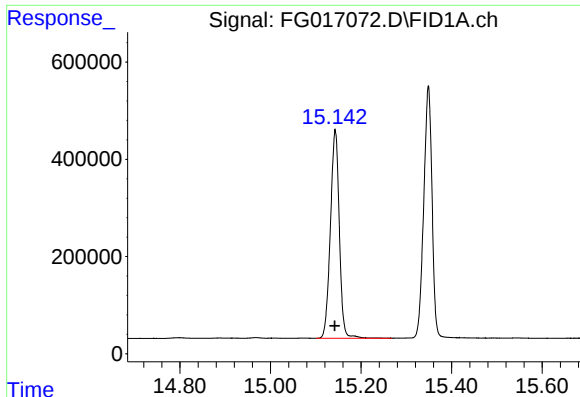
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: -0.001 min
Response: 6957484
Conc: 55.97 ug/ml



#8 N-DOCOSANE

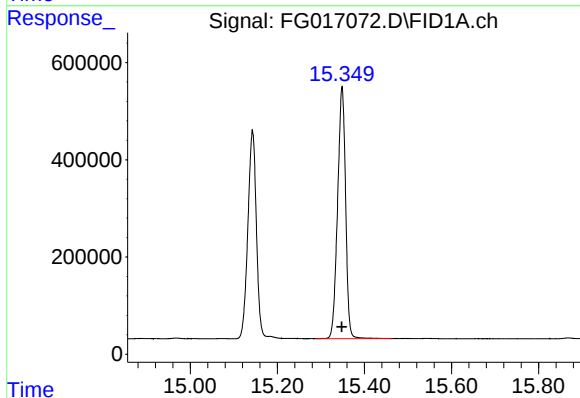
R.T.: 14.237 min
Delta R.T.: 0.000 min
Response: 6720024
Conc: 56.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

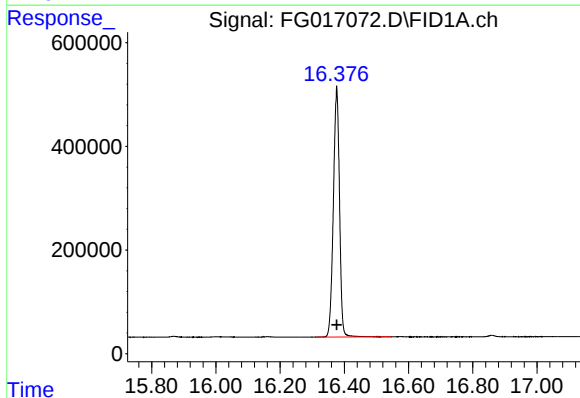
R.T.: 15.143 min
Delta R.T.: 0.001 min
Response: 5857019
Conc: 56.28 ug/ml

Instrument :
FID_E
ClientSampleId :



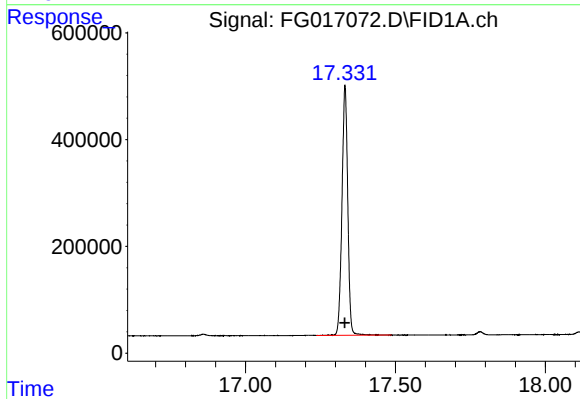
#10 N-TETRACOSANE

R.T.: 15.349 min
Delta R.T.: 0.000 min
Response: 6619079
Conc: 56.34 ug/ml



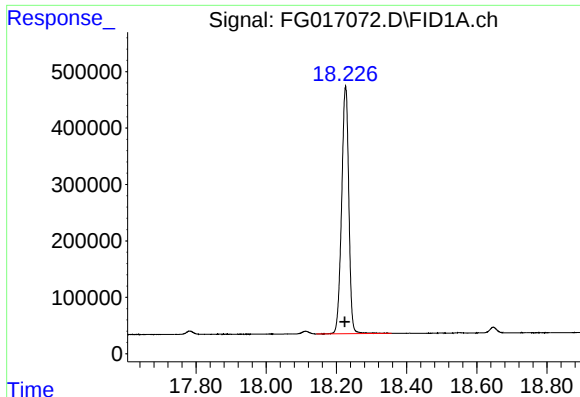
#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 6362212
Conc: 56.63 ug/ml



#12 N-OCTACOSANE

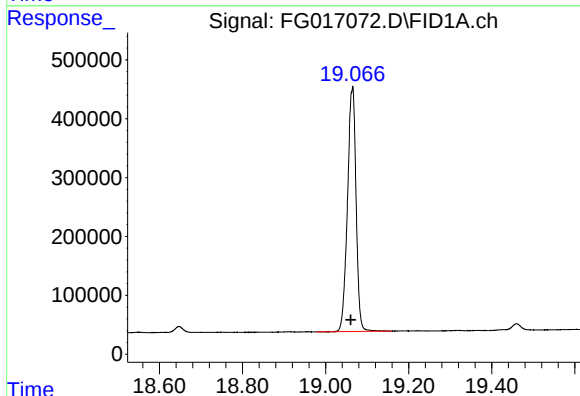
R.T.: 17.332 min
Delta R.T.: 0.000 min
Response: 6290749
Conc: 55.75 ug/ml



#13 N-TRIACONTANE

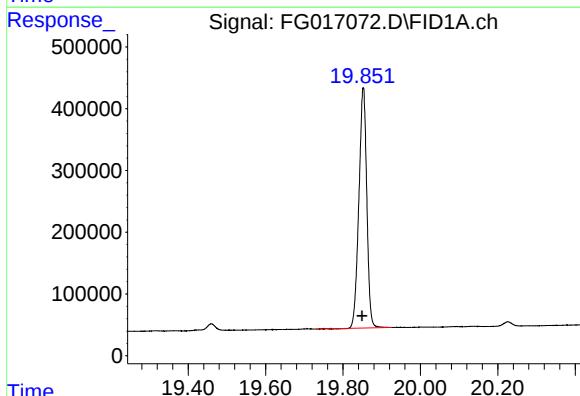
R.T.: 18.226 min
Delta R.T.: 0.002 min
Response: 6211456
Conc: 55.50 ug/ml

Instrument :
FID_E
ClientSampleId :



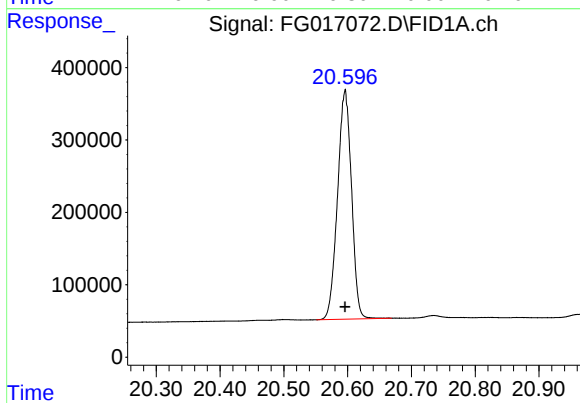
#14 N-DOTRIACONTANE

R.T.: 19.064 min
Delta R.T.: 0.003 min
Response: 5952793
Conc: 55.06 ug/ml



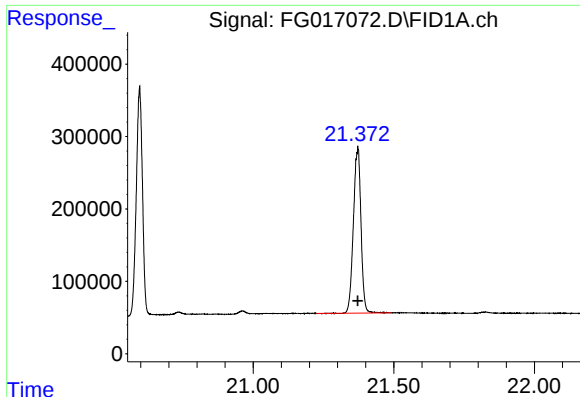
#15 N-TETRATRIACONTANE

R.T.: 19.852 min
Delta R.T.: 0.003 min
Response: 5503062
Conc: 54.89 ug/ml



#16 N-HEXATRIACONTANE

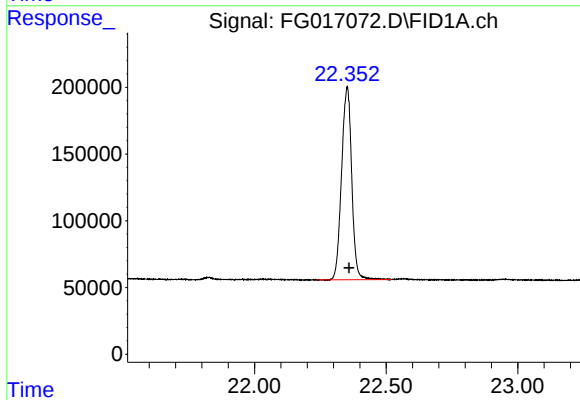
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 4812154
Conc: 55.17 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 4272840
Conc: 56.03 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.352 min
Delta R.T.: -0.007 min
Response: 3874732
Conc: 61.93 ug/ml