

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG017002.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 18:11
 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: Nov 26 03:16:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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	4924109	45.773 ug/ml
Target Compounds			
1) N-OCTANE	2.080	5706076	48.158 ug/ml
2) N-DECANE	4.617	5680119	49.140 ug/ml
3) N-DODECANE	6.800	5733159	49.181 ug/ml
4) N-TETRADECANE	8.639	5739026	50.200 ug/ml
5) N-HEXADECANE	10.256	5680200	49.458 ug/ml
6) N-OCTADECANE	11.707	5831111	47.931 ug/ml
7) N-EICOSANE	13.027	5935534	47.131 ug/ml
8) N-DOCOSANE	14.233	5695239	46.279 ug/ml
10) N-TETRACOSANE	15.344	5591535	45.746 ug/ml
11) N-HEXACOSANE	16.372	5372701	45.493 ug/ml
12) N-OCTACOSANE	17.328	5330198	45.055 ug/ml
13) N-TRIACONTANE	18.222	5243997	44.616 ug/ml
14) N-DOTRIACONTANE	19.059	5004803	44.134 ug/ml
15) N-TETRATRIACONTANE	19.848	4646998	43.933 ug/ml
16) N-HEXATRIACONTANE	20.592	4078560	43.134 ug/ml
17) N-OCTATRIACONTANE	21.366	3584844	44.448 ug/ml
18) N-TETRACONTANE	22.341	3070224	43.906 ug/ml

(f)=RT Delta > 1/2 Window

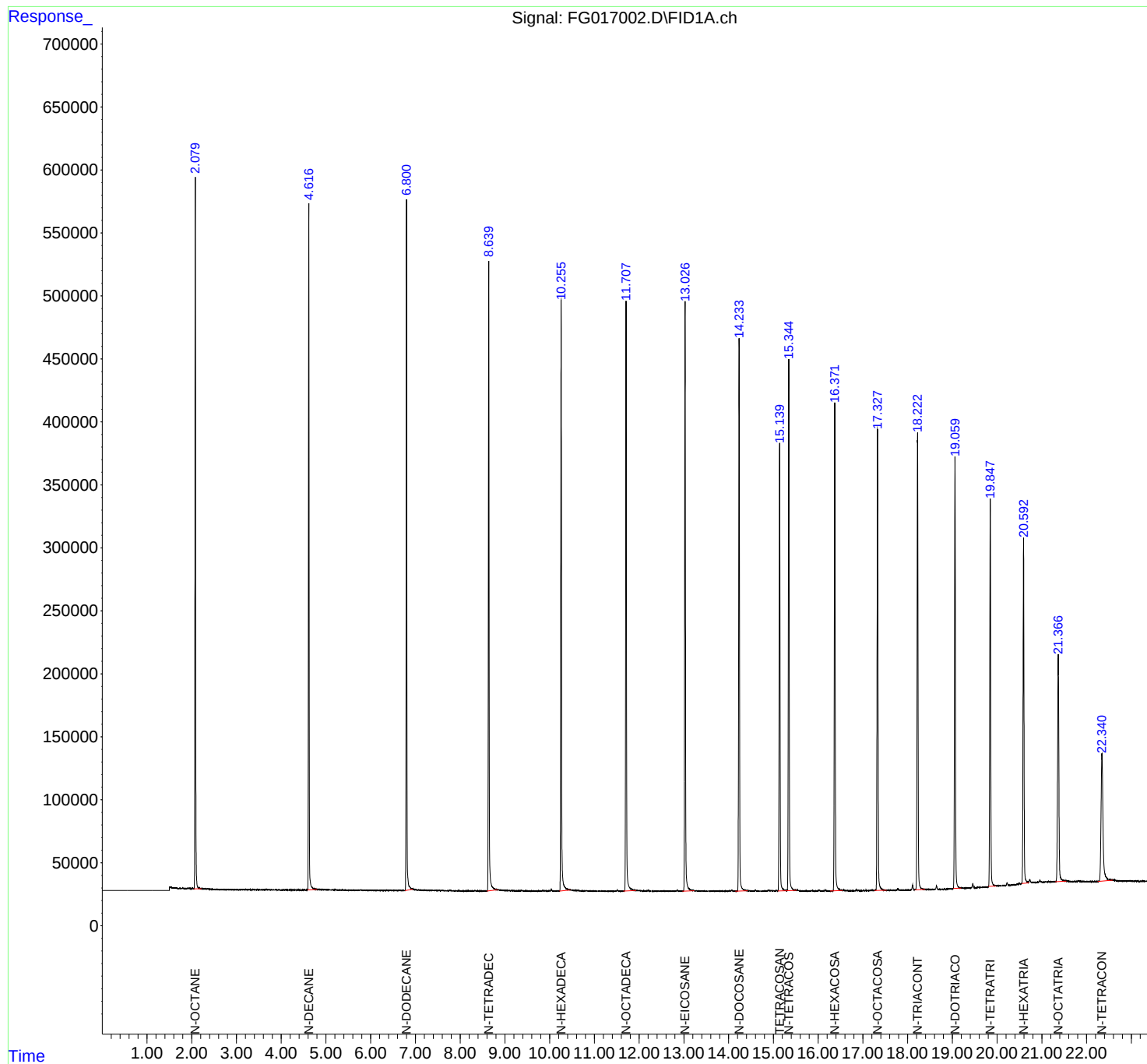
(m)=manual int.

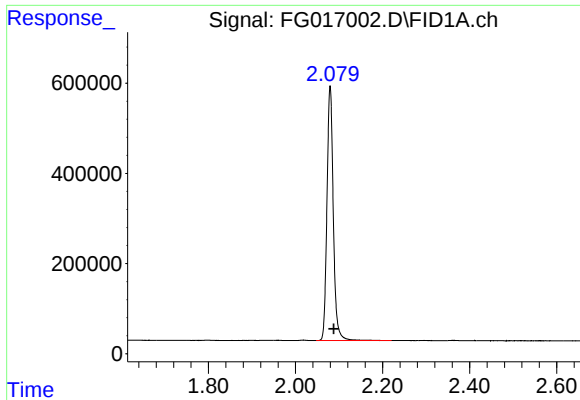
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

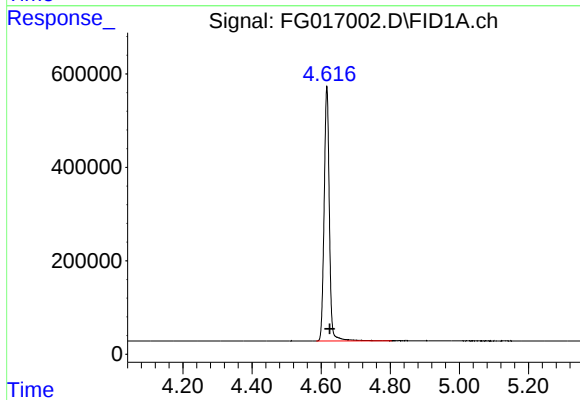




#1 N-OCTANE

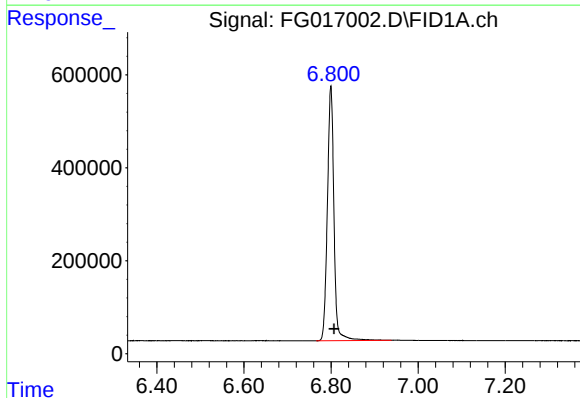
R.T.: 2.080 min
Delta R.T.: -0.008 min
Response: 5706076
Conc: 48.16 ug/ml

Instrument :
FID_E
ClientSampleId :



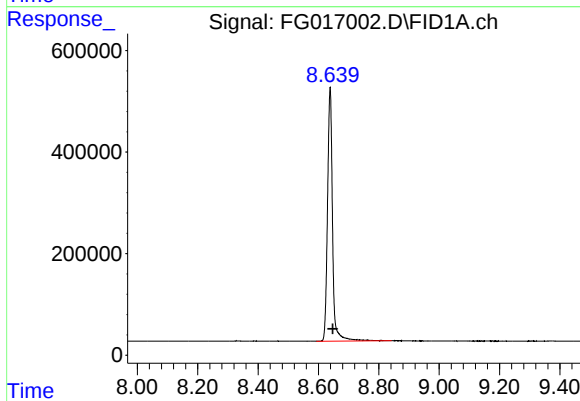
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 5680119
Conc: 49.14 ug/ml



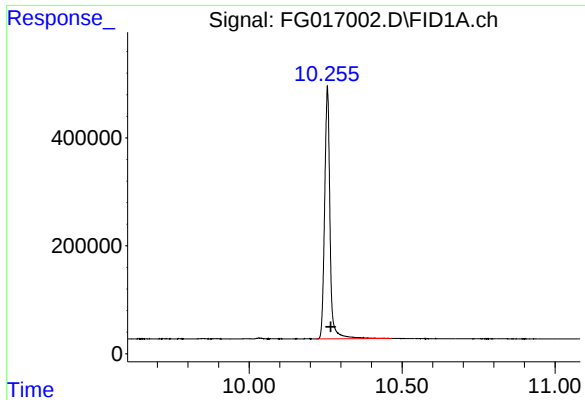
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: -0.007 min
Response: 5733159
Conc: 49.18 ug/ml



#4 N-TETRADECANE

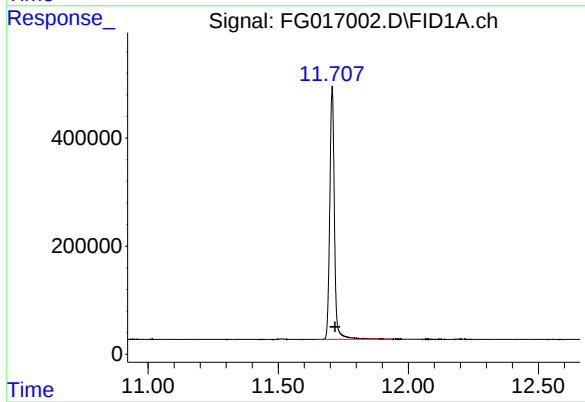
R.T.: 8.639 min
Delta R.T.: -0.009 min
Response: 5739026
Conc: 50.20 ug/ml



#5 N-HEXADECANE

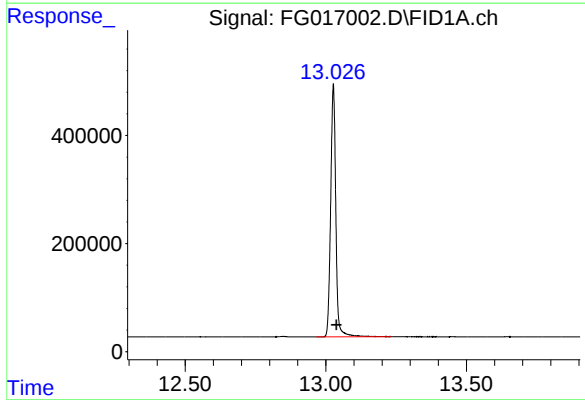
R.T.: 10.256 min
Delta R.T.: -0.011 min
Response: 5680200
Conc: 49.46 ug/ml

Instrument :
FID_E
ClientSampleId :



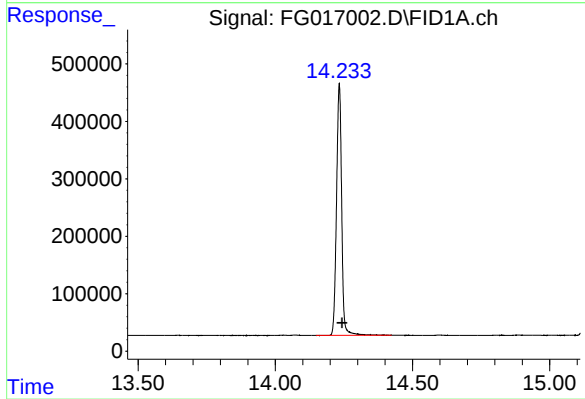
#6 N-OCTADECANE

R.T.: 11.707 min
Delta R.T.: -0.012 min
Response: 5831111
Conc: 47.93 ug/ml



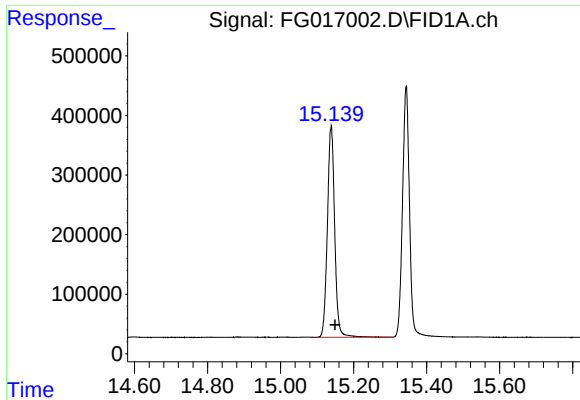
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.011 min
Response: 5935534
Conc: 47.13 ug/ml



#8 N-DOCOSANE

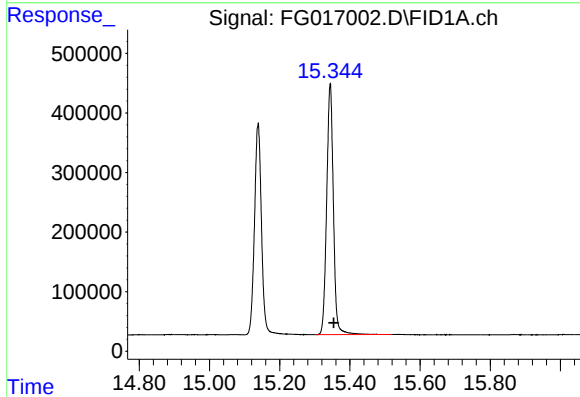
R.T.: 14.233 min
Delta R.T.: -0.010 min
Response: 5695239
Conc: 46.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

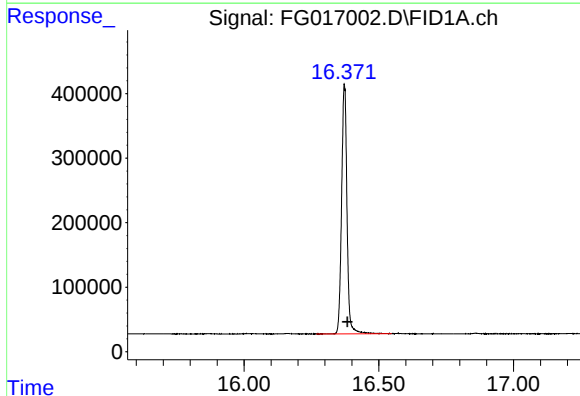
R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 4924109
Conc: 45.77 ug/ml

Instrument :
FID_E
ClientSampleId :



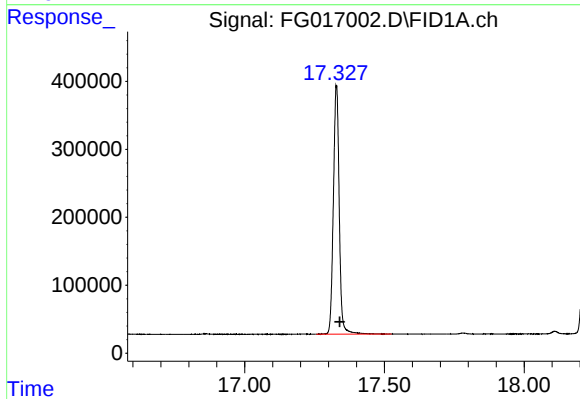
#10 N-TETRACOSANE

R.T.: 15.344 min
Delta R.T.: -0.010 min
Response: 5591535
Conc: 45.75 ug/ml



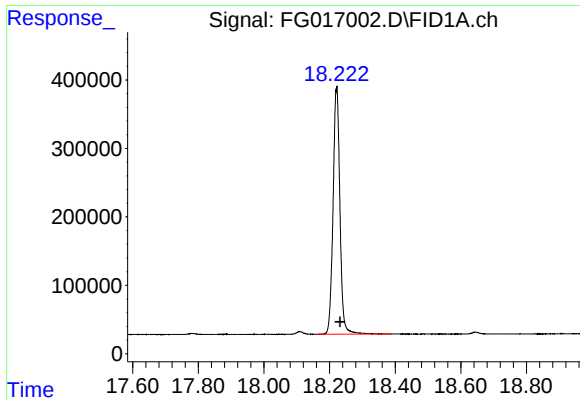
#11 N-HEXACOSANE

R.T.: 16.372 min
Delta R.T.: -0.011 min
Response: 5372701
Conc: 45.49 ug/ml



#12 N-OCTACOSANE

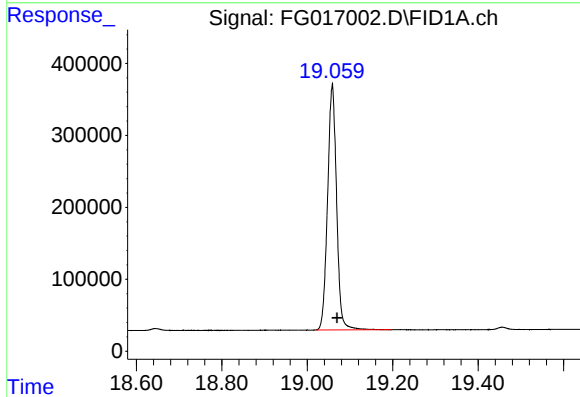
R.T.: 17.328 min
Delta R.T.: -0.011 min
Response: 5330198
Conc: 45.05 ug/ml



#13 N-TRIACONTANE

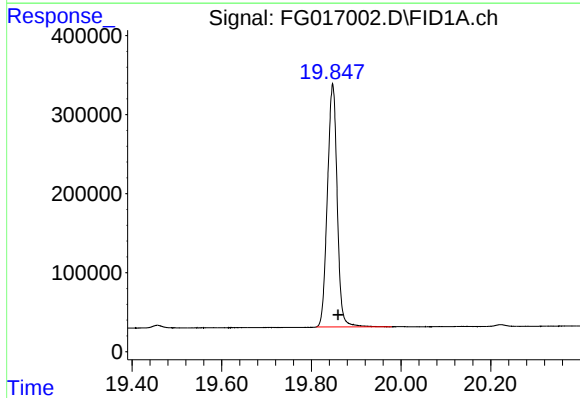
R.T.: 18.222 min
Delta R.T.: -0.011 min
Response: 5243997
Conc: 44.62 ug/ml

Instrument :
FID_E
ClientSampleId :



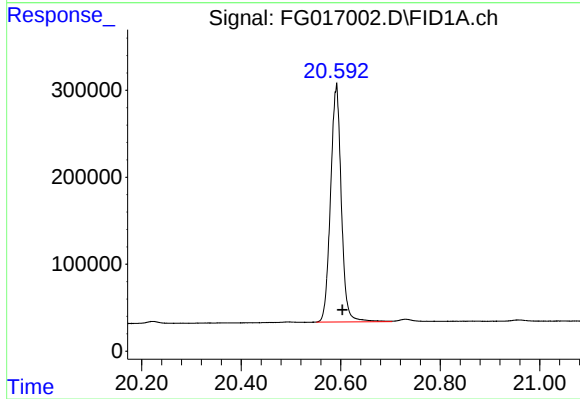
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.012 min
Response: 5004803
Conc: 44.13 ug/ml



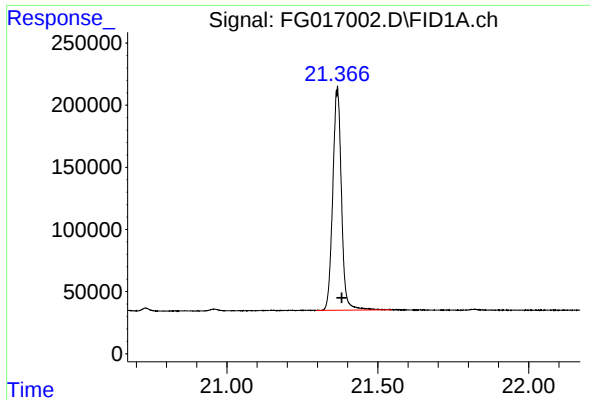
#15 N-TETRATRIACONTANE

R.T.: 19.848 min
Delta R.T.: -0.012 min
Response: 4646998
Conc: 43.93 ug/ml



#16 N-HEXATRIACONTANE

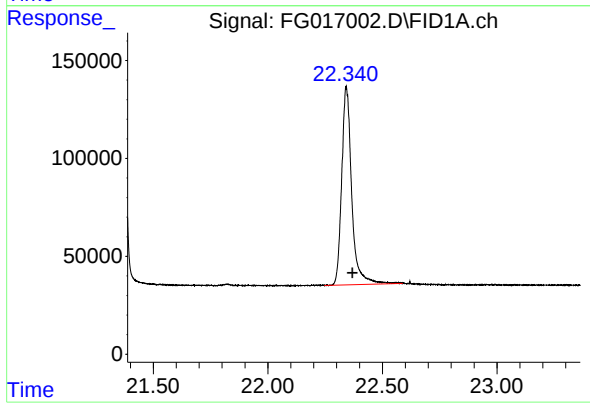
R.T.: 20.592 min
Delta R.T.: -0.012 min
Response: 4078560
Conc: 43.13 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.366 min
Delta R.T.: -0.015 min
Response: 3584844
Conc: 44.45 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.341 min
Delta R.T.: -0.028 min
Response: 3070224
Conc: 43.91 ug/ml