

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525\
 Data File : FG017177.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 19:35
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 01:14:22 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	4857872	46.682 ug/ml
Target Compounds			
1) N-OCTANE	2.078	5663755	45.503 ug/ml
2) N-DECANE	4.617	5714346	47.903 ug/ml
3) N-DODECANE	6.800	5739375	48.050 ug/ml
4) N-TETRADECANE	8.640	5705956	49.304 ug/ml
5) N-HEXADECANE	10.257	5652597	49.400 ug/ml
6) N-OCTADECANE	11.710	5778711	48.180 ug/ml
7) N-EICOSANE	13.031	5875977	47.269 ug/ml
8) N-DOCOSANE	14.237	5624796	47.111 ug/ml
10) N-TETRACOSANE	15.348	5591086	47.588 ug/ml
11) N-HEXACOSANE	16.377	5313652	47.297 ug/ml
12) N-OCTACOSANE	17.333	5416465	48.003 ug/ml
13) N-TRIACONTANE	18.227	5310944	47.450 ug/ml
14) N-DOTRIACONTANE	19.065	5324328	49.251 ug/ml
15) N-TETRATRIACONTANE	19.854	5126949	51.142 ug/ml
16) N-HEXATRIACONTANE	20.598	4781520	54.821 ug/ml
17) N-OCTATRIACONTANE	21.374	4991619	65.460 ug/ml
18) N-TETRACONTANE	22.358	4457531	71.247 ug/ml

(f)=RT Delta > 1/2 Window

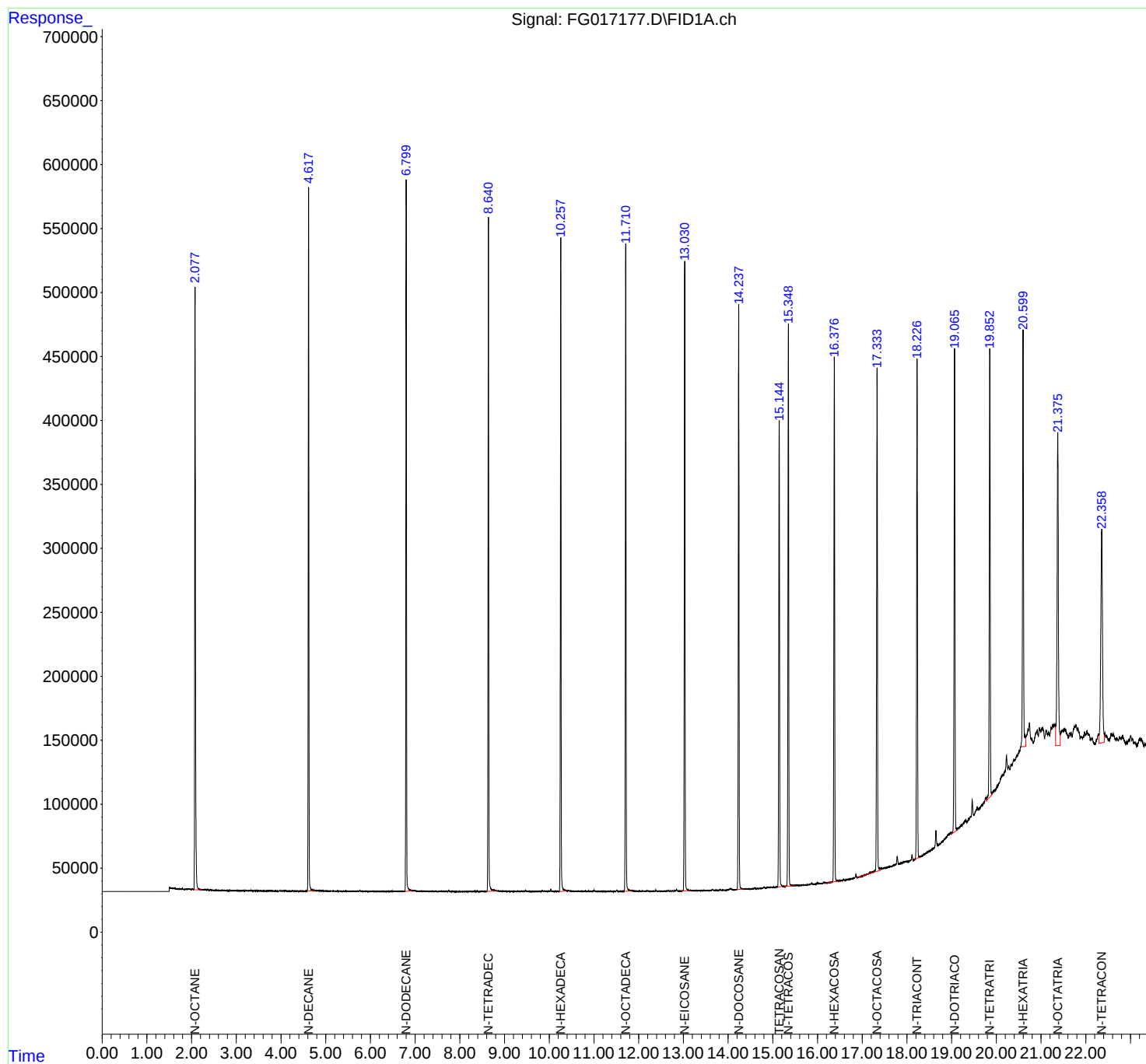
(m)=manual int.

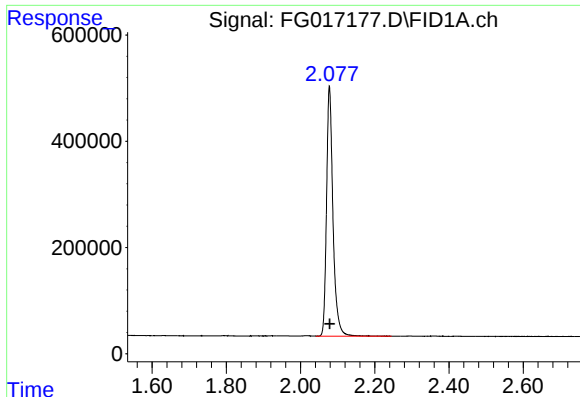
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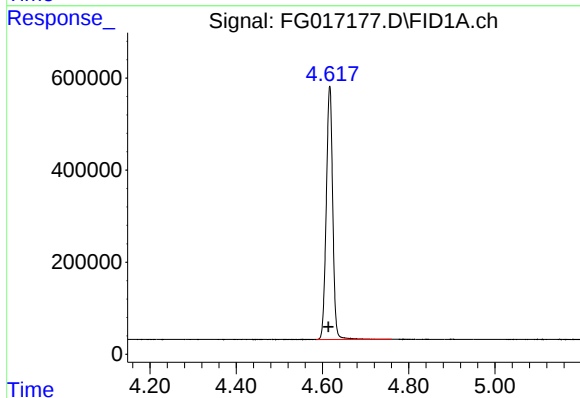




#1 N-OCTANE

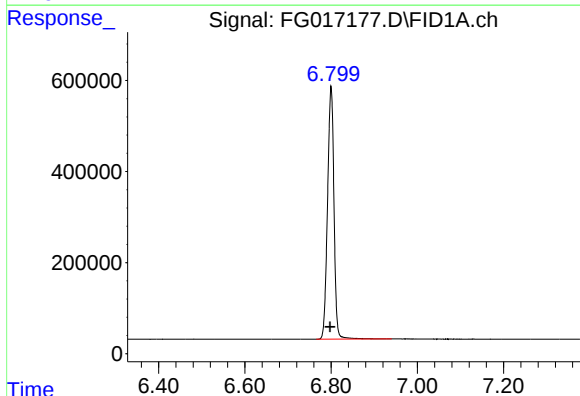
R.T.: 2.078 min
Delta R.T.: -0.001 min
Response: 5663755
Conc: 45.50 ug/ml

Instrument :
FID_G
ClientSampleId :



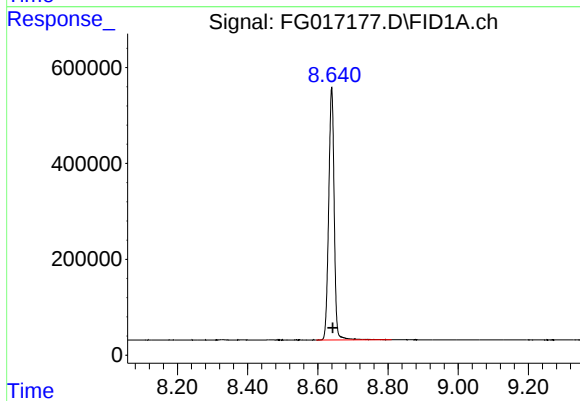
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 5714346
Conc: 47.90 ug/ml



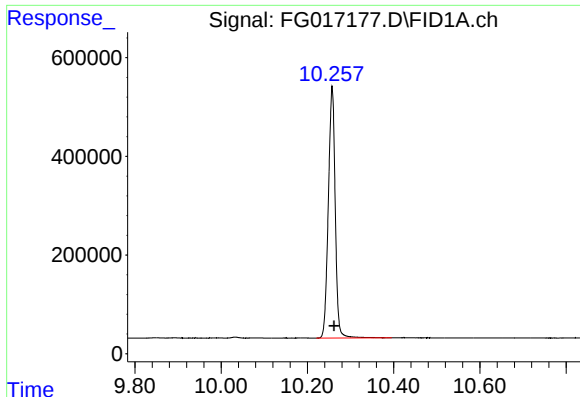
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 5739375
Conc: 48.05 ug/ml



#4 N-TETRADECANE

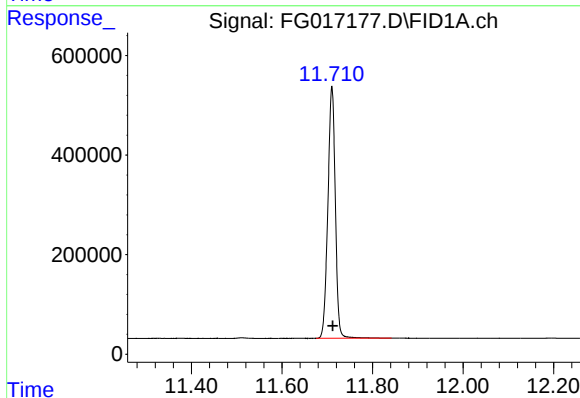
R.T.: 8.640 min
Delta R.T.: -0.003 min
Response: 5705956
Conc: 49.30 ug/ml



#5 N-HEXADECANE

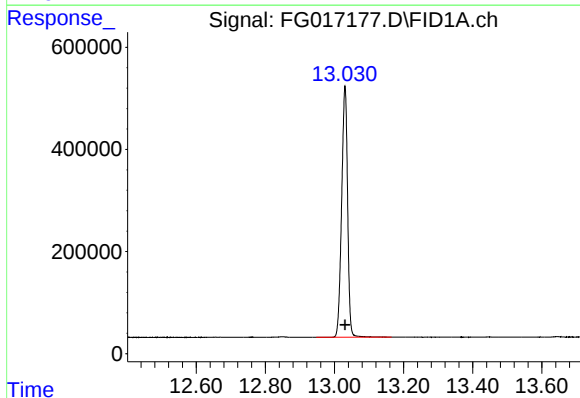
R.T.: 10.257 min
Delta R.T.: -0.005 min
Response: 5652597
Conc: 49.40 ug/ml

Instrument :
FID_G
ClientSampleId :



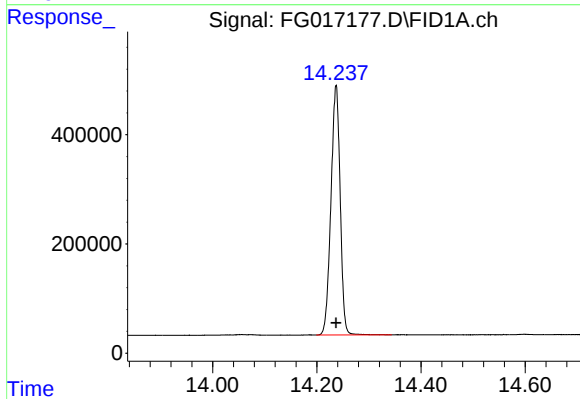
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.002 min
Response: 5778711
Conc: 48.18 ug/ml



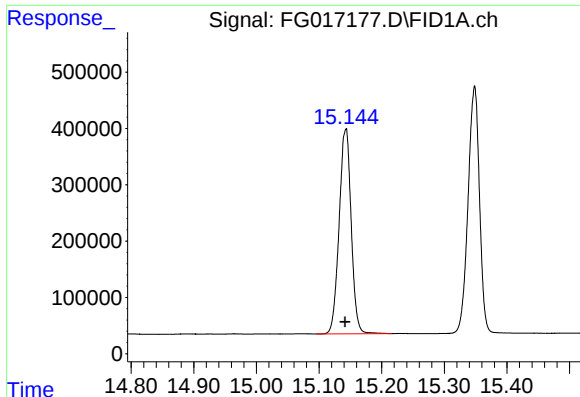
#7 N-EICOSANE

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 5875977
Conc: 47.27 ug/ml



#8 N-DOCOSANE

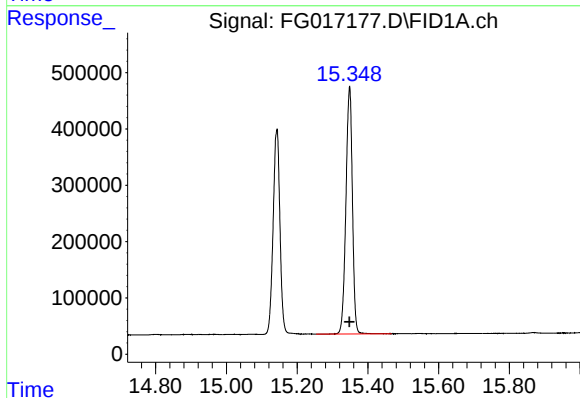
R.T.: 14.237 min
Delta R.T.: 0.000 min
Response: 5624796
Conc: 47.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

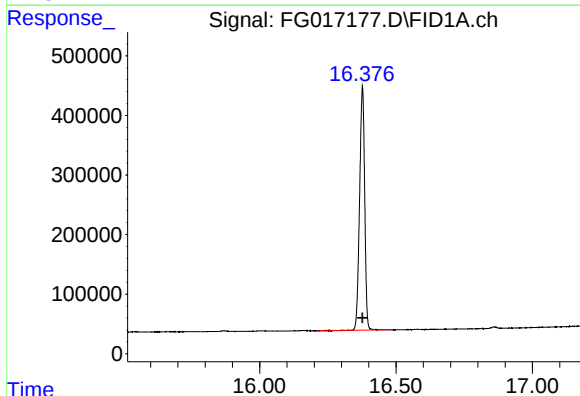
R.T.: 15.143 min
Delta R.T.: 0.001 min
Response: 4857872
Conc: 46.68 ug/ml

Instrument :
FID_G
ClientSampleId :



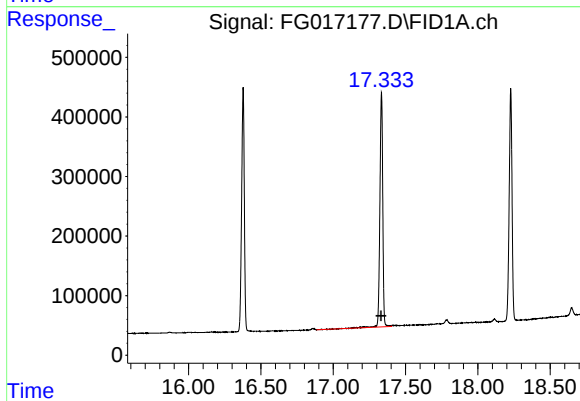
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: 0.000 min
Response: 5591086
Conc: 47.59 ug/ml



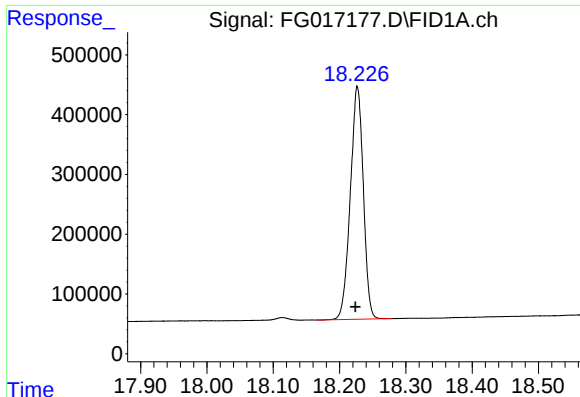
#11 N-HEXACOSANE

R.T.: 16.377 min
Delta R.T.: 0.000 min
Response: 5313652
Conc: 47.30 ug/ml



#12 N-OCTACOSANE

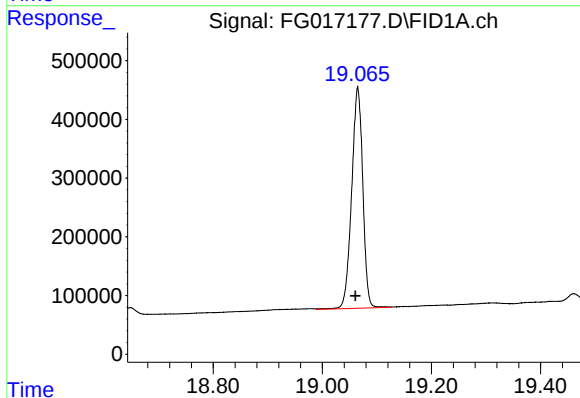
R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 5416465
Conc: 48.00 ug/ml



#13 N-TRIACONTANE

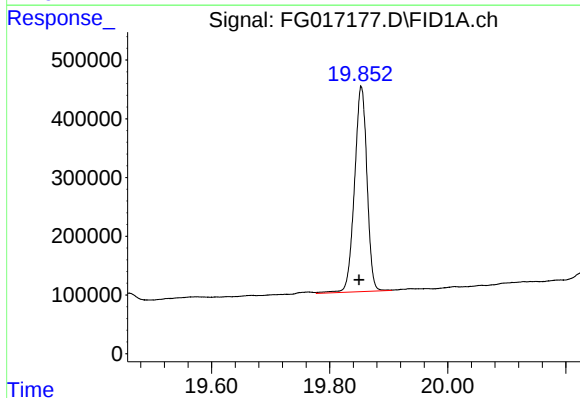
R.T.: 18.227 min
Delta R.T.: 0.003 min
Response: 5310944
Conc: 47.45 ug/ml

Instrument :
FID_G
ClientSampleId :



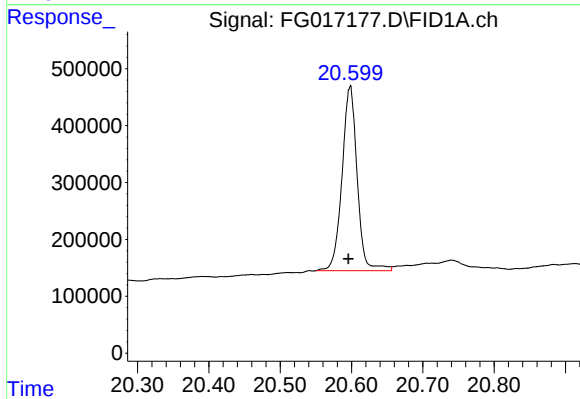
#14 N-DOTRIACONTANE

R.T.: 19.065 min
Delta R.T.: 0.004 min
Response: 5324328
Conc: 49.25 ug/ml



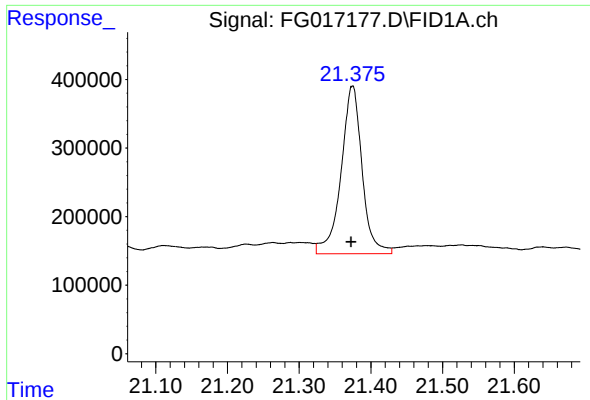
#15 N-TETRATRIACONTANE

R.T.: 19.854 min
Delta R.T.: 0.004 min
Response: 5126949
Conc: 51.14 ug/ml



#16 N-HEXATRIACONTANE

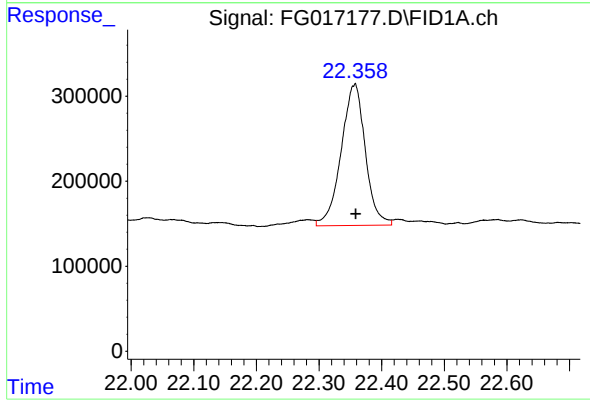
R.T.: 20.598 min
Delta R.T.: 0.002 min
Response: 4781520
Conc: 54.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.374 min
Delta R.T.: 0.002 min
Response: 4991619
Conc: 65.46 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.358 min
Delta R.T.: -0.001 min
Response: 4457531
Conc: 71.25 ug/ml