

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017085.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 01:10
 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 03:05:48 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...	15.141	5547047	53.304 ug/ml
Target Compounds			
1) N-OCTANE	2.080	6722954	54.012 ug/ml
2) N-DECANE	4.616	6842411	57.360 ug/ml
3) N-DODECANE	6.799	6799470	56.925 ug/ml
4) N-TETRADECANE	8.638	6694660	57.847 ug/ml
5) N-HEXADECANE	10.256	6565519	57.378 ug/ml
6) N-OCTADECANE	11.709	6661224	55.538 ug/ml
7) N-EICOSANE	13.029	6744494	54.256 ug/ml
8) N-DOCOSANE	14.236	6435062	53.897 ug/ml
10) N-TETRACOSANE	15.347	6348057	54.031 ug/ml
11) N-HEXACOSANE	16.375	6094684	54.249 ug/ml
12) N-OCTACOSANE	17.331	6054935	53.661 ug/ml
13) N-TRIACONTANE	18.224	6044102	54.001 ug/ml
14) N-DOTRIACONTANE	19.061	5879990	54.391 ug/ml
15) N-TETRATRIACONTANE	19.849	5510250	54.965 ug/ml
16) N-HEXATRIACONTANE	20.594	4866931	55.800 ug/ml
17) N-OCTATRIACONTANE	21.368	4402049	57.728 ug/ml
18) N-TETRACONTANE	22.344	4072456	65.092 ug/ml

(f)=RT Delta > 1/2 Window

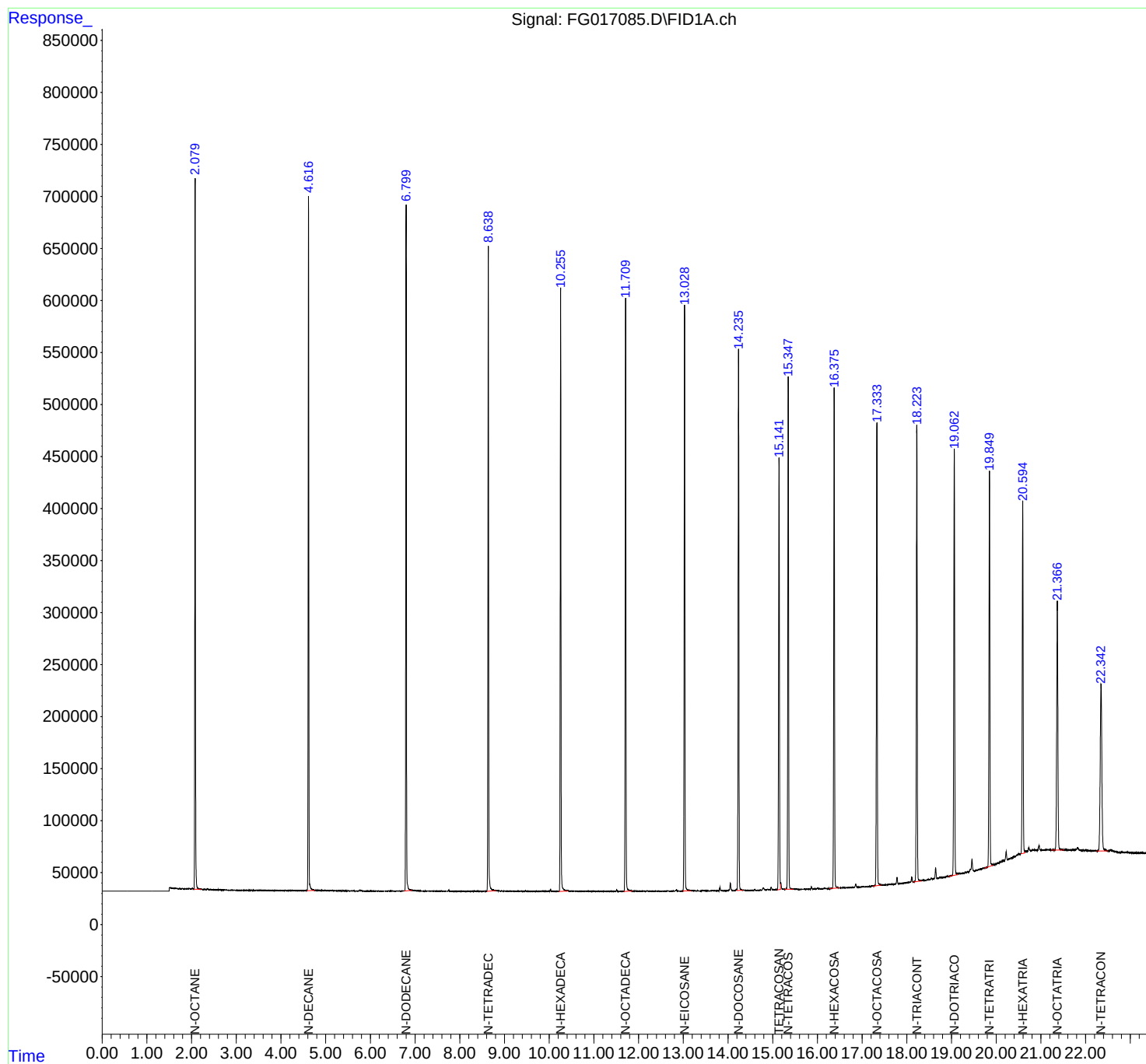
(m)=manual int.

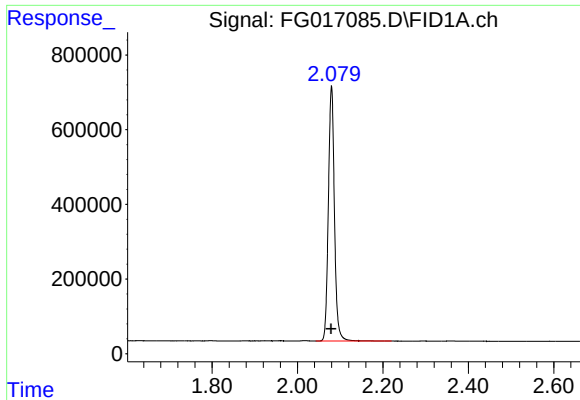
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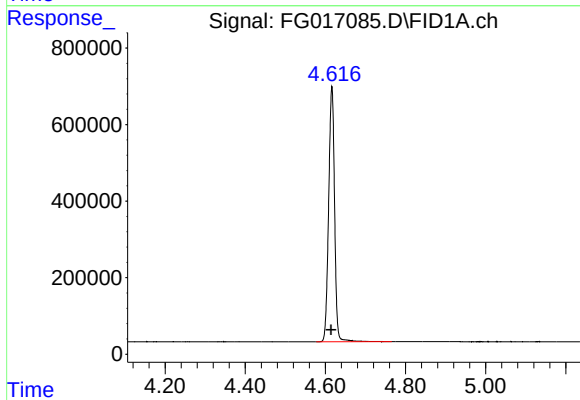




#1 N-OCTANE

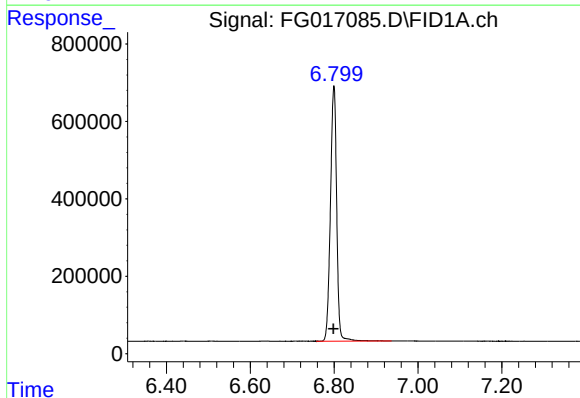
R.T.: 2.080 min
Delta R.T.: 0.000 min
Response: 6722954
Conc: 54.01 ug/ml

Instrument :
FID_E
ClientSampleId :



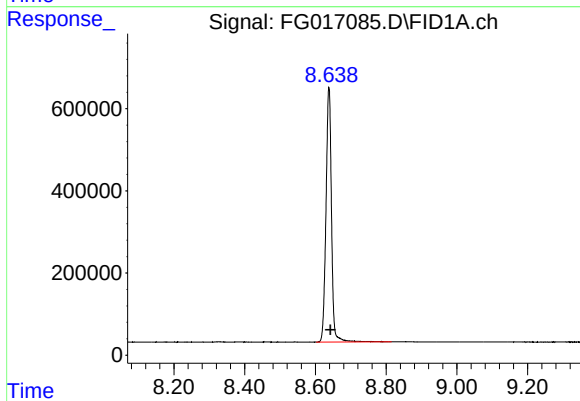
#2 N-DECANE

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 6842411
Conc: 57.36 ug/ml



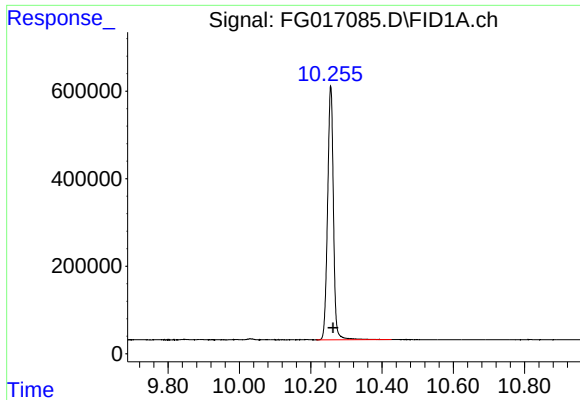
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 6799470
Conc: 56.92 ug/ml



#4 N-TETRADECANE

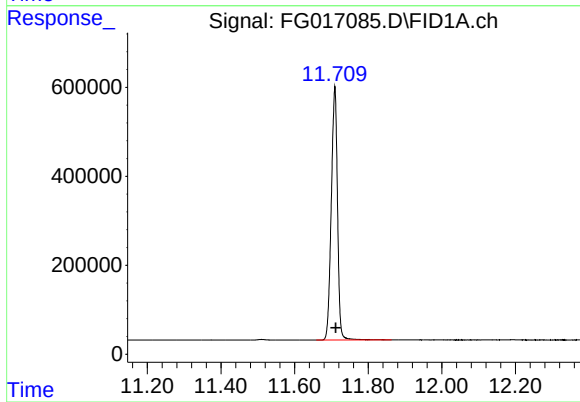
R.T.: 8.638 min
Delta R.T.: -0.004 min
Response: 6694660
Conc: 57.85 ug/ml



#5 N-HEXADECANE

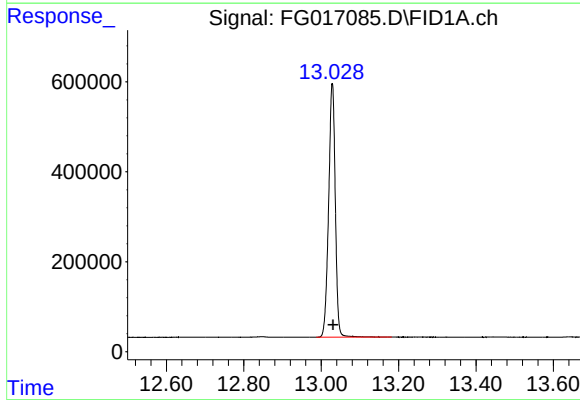
R.T.: 10.256 min
Delta R.T.: -0.006 min
Response: 6565519
Conc: 57.38 ug/ml

Instrument :
FID_E
ClientSampleId :



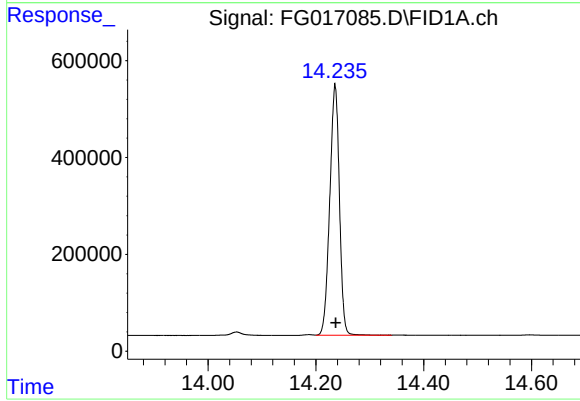
#6 N-OCTADECANE

R.T.: 11.709 min
Delta R.T.: -0.003 min
Response: 6661224
Conc: 55.54 ug/ml



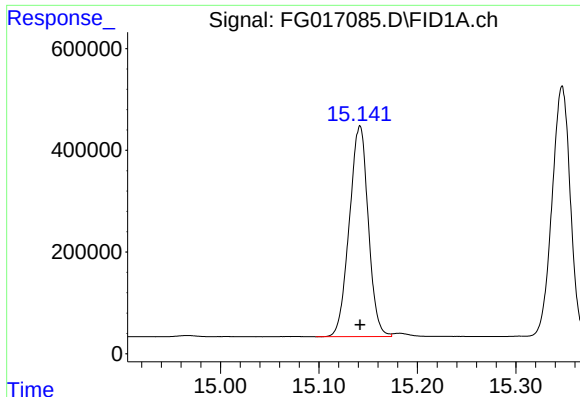
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 6744494
Conc: 54.26 ug/ml



#8 N-DOCOSANE

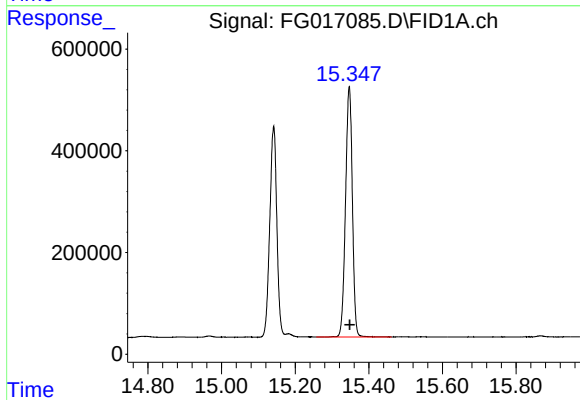
R.T.: 14.236 min
Delta R.T.: -0.001 min
Response: 6435062
Conc: 53.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

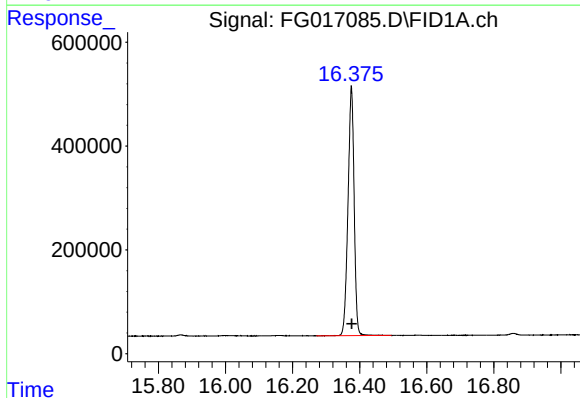
R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 5547047
Conc: 53.30 ug/ml

Instrument :
FID_E
ClientSampleId :



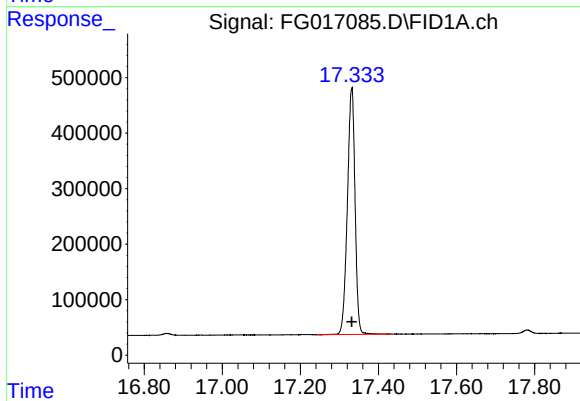
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.001 min
Response: 6348057
Conc: 54.03 ug/ml



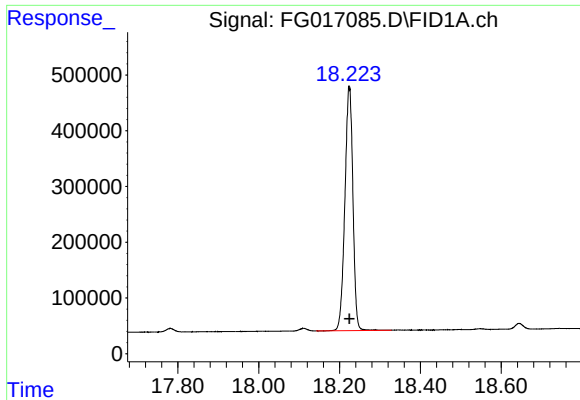
#11 N-HEXACOSANE

R.T.: 16.375 min
Delta R.T.: -0.001 min
Response: 6094684
Conc: 54.25 ug/ml



#12 N-OCTACOSANE

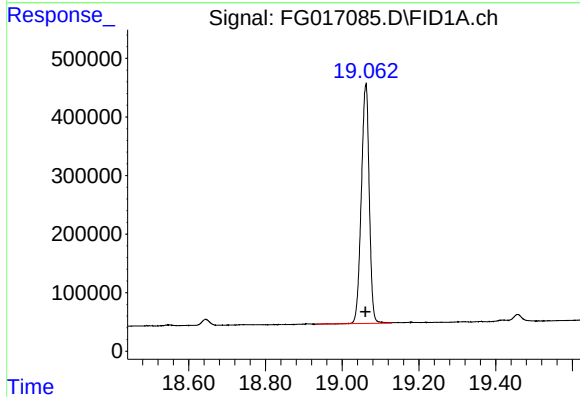
R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 6054935
Conc: 53.66 ug/ml



#13 N-TRIACONTANE

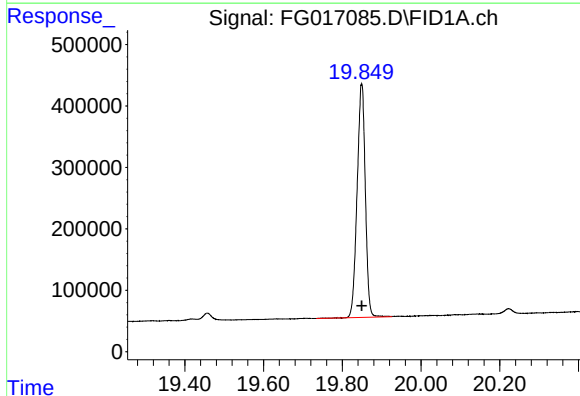
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 6044102
Conc: 54.00 ug/ml

Instrument :
FID_E
ClientSampleId :



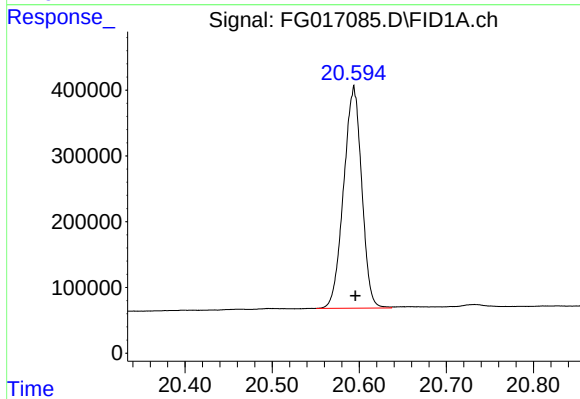
#14 N-DOTRIACONTANE

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 5879990
Conc: 54.39 ug/ml



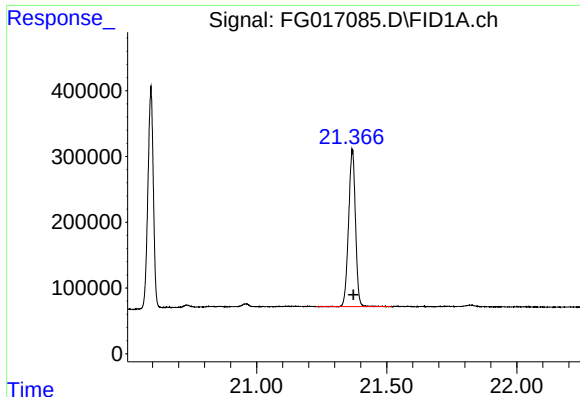
#15 N-TETRATRIACONTANE

R.T.: 19.849 min
Delta R.T.: 0.000 min
Response: 5510250
Conc: 54.96 ug/ml



#16 N-HEXATRIACONTANE

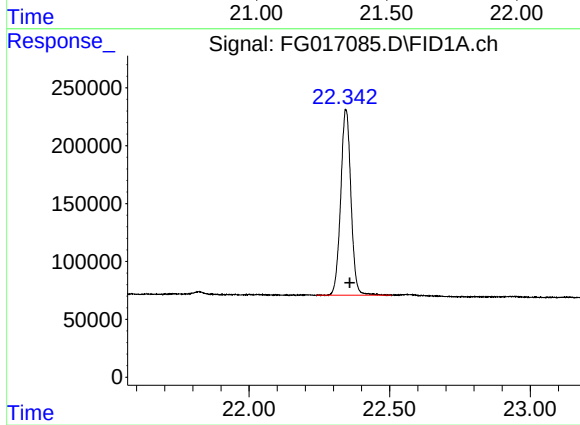
R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 4866931
Conc: 55.80 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.368 min
Delta R.T.: -0.005 min
Response: 4402049
Conc: 57.73 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.344 min
Delta R.T.: -0.014 min
Response: 4072456
Conc: 65.09 ug/ml