

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525\
 Data File : FG017088.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 10:46
 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 06 01:20:40 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	6000512	57.662 ug/ml
Target Compounds			
1) N-OCTANE	2.076	6567588	52.764 ug/ml
2) N-DECANE	4.615	6781381	56.848 ug/ml
3) N-DODECANE	6.798	6860593	57.437 ug/ml
4) N-TETRADECANE	8.638	6871982	59.379 ug/ml
5) N-HEXADECANE	10.256	6830170	59.691 ug/ml
6) N-OCTADECANE	11.709	7010100	58.447 ug/ml
7) N-EICOSANE	13.029	7192922	57.863 ug/ml
8) N-DOCOSANE	14.236	6945826	58.175 ug/ml
10) N-TETRACOSANE	15.347	6893534	58.674 ug/ml
11) N-HEXACOSANE	16.374	6600932	58.755 ug/ml
12) N-OCTACOSANE	17.331	6567413	58.203 ug/ml
13) N-TRIACONTANE	18.224	6478165	57.879 ug/ml
14) N-DOTRIACONTANE	19.062	6283138	58.121 ug/ml
15) N-TETRATRIACONTANE	19.850	5795960	57.815 ug/ml
16) N-HEXATRIACONTANE	20.594	5107104	58.554 ug/ml
17) N-OCTATRIACONTANE	21.368	4494846	58.945 ug/ml
18) N-TETRACONTANE	22.348	4142297	66.208 ug/ml

(f)=RT Delta > 1/2 Window

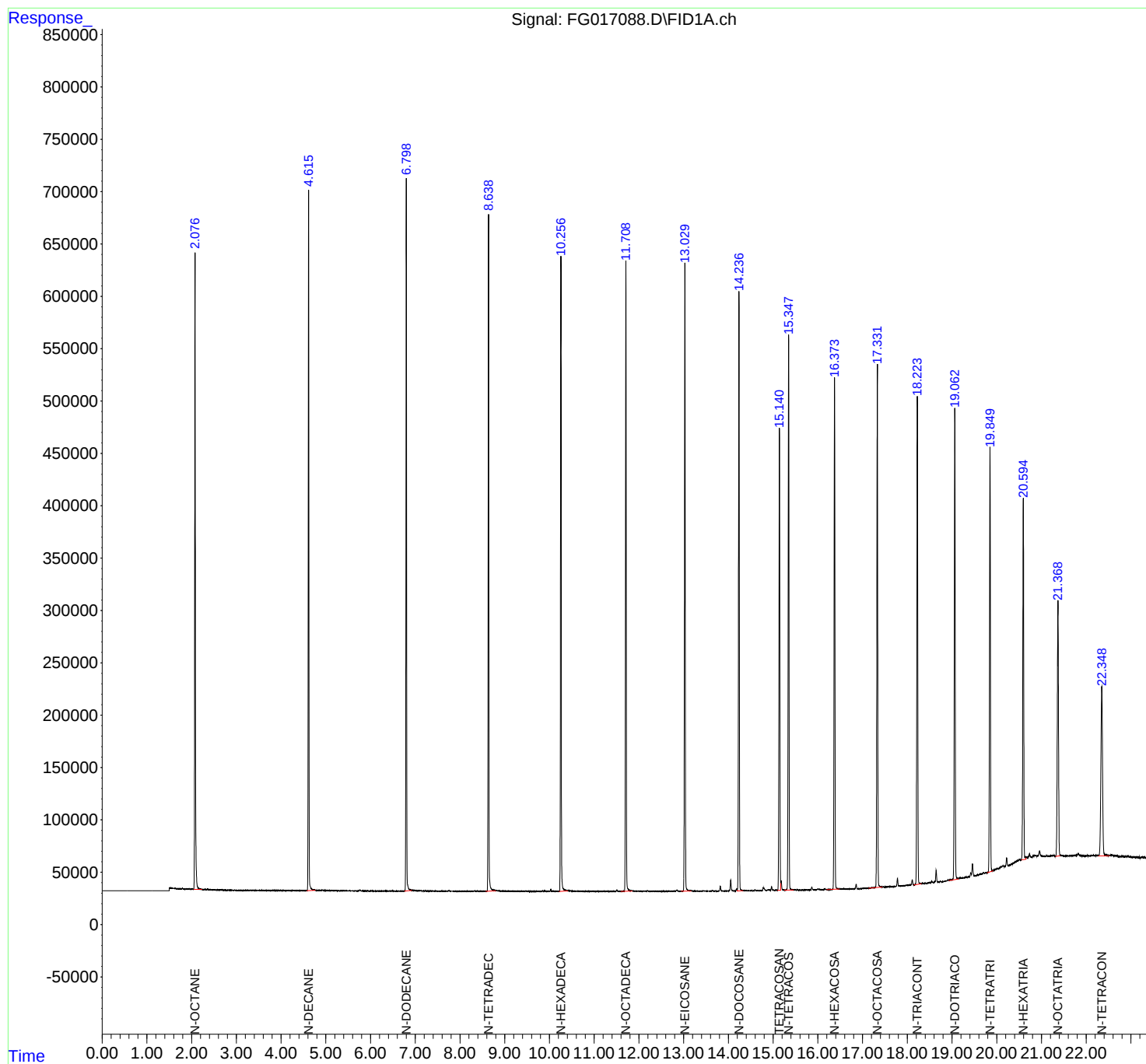
(m)=manual int.

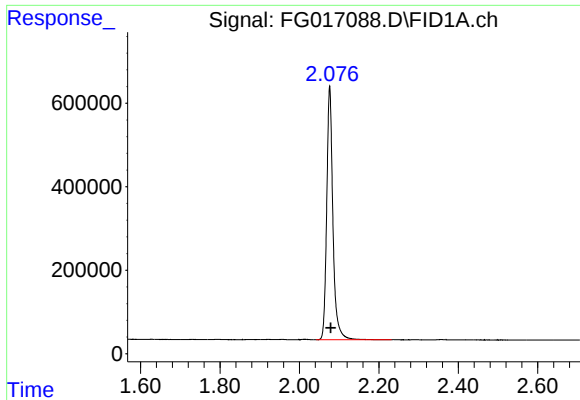
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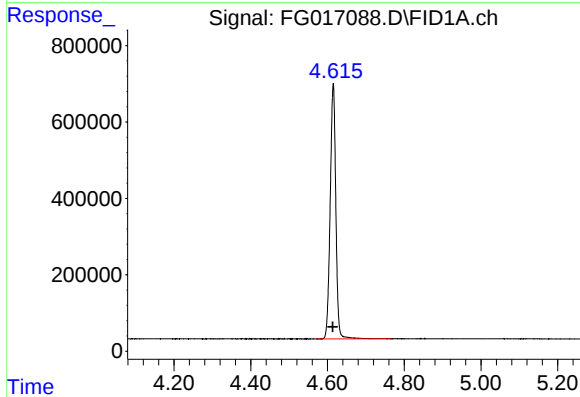




#1 N-OCTANE

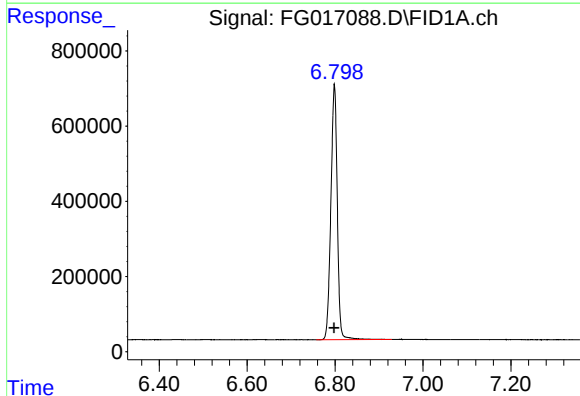
R.T.: 2.076 min
Delta R.T.: -0.003 min
Response: 6567588
Conc: 52.76 ug/ml

Instrument :
FID_E
ClientSampleId :



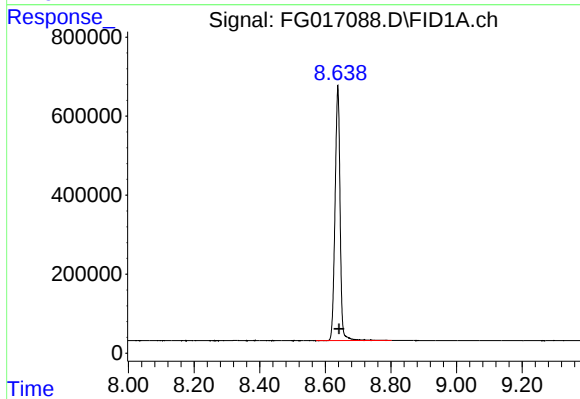
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 6781381
Conc: 56.85 ug/ml



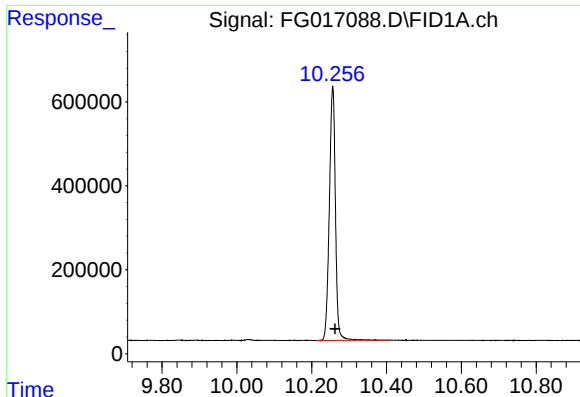
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 6860593
Conc: 57.44 ug/ml



#4 N-TETRADECANE

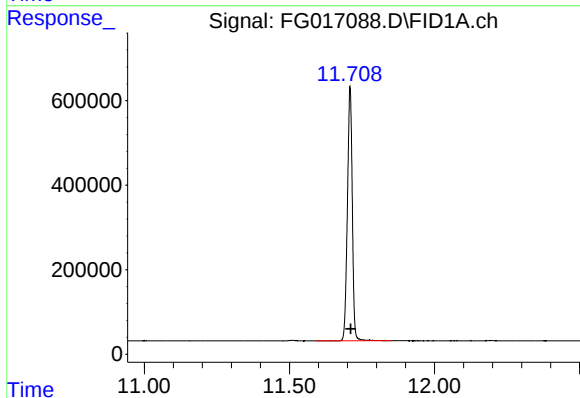
R.T.: 8.638 min
Delta R.T.: -0.004 min
Response: 6871982
Conc: 59.38 ug/ml



#5 N-HEXADECANE

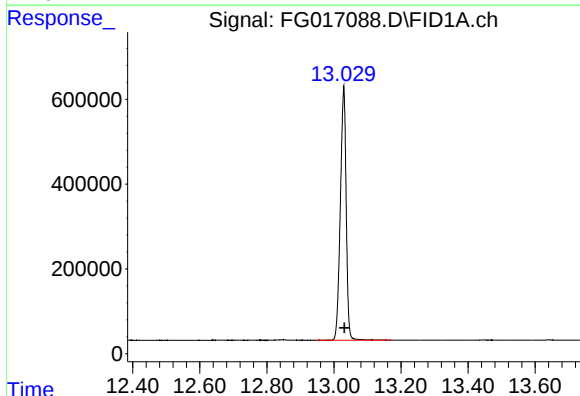
R.T.: 10.256 min
Delta R.T.: -0.006 min
Response: 6830170
Conc: 59.69 ug/ml

Instrument :
FID_E
ClientSampleId :



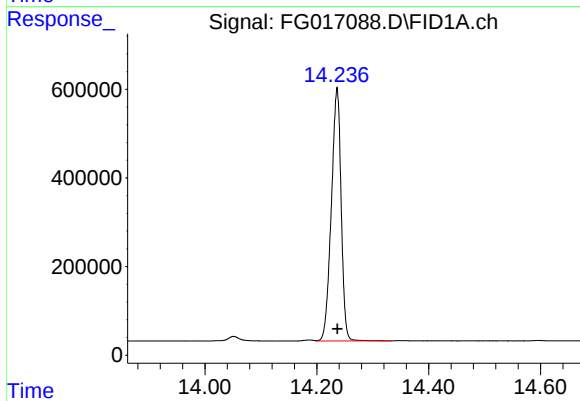
#6 N-OCTADECANE

R.T.: 11.709 min
Delta R.T.: -0.003 min
Response: 7010100
Conc: 58.45 ug/ml



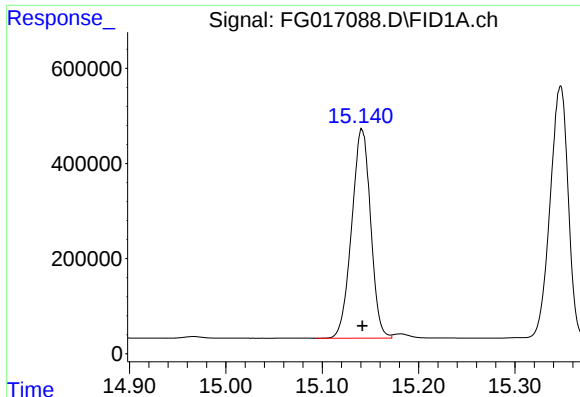
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 7192922
Conc: 57.86 ug/ml



#8 N-DOCOSANE

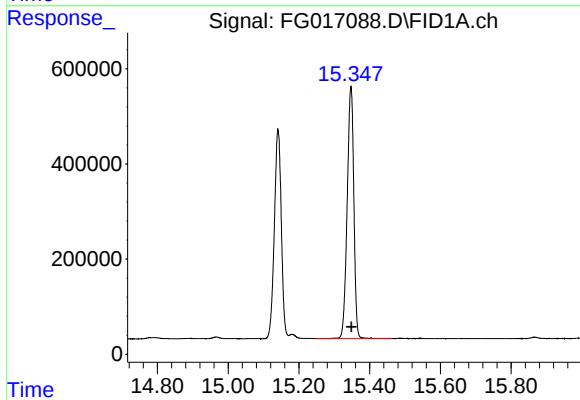
R.T.: 14.236 min
Delta R.T.: -0.001 min
Response: 6945826
Conc: 58.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

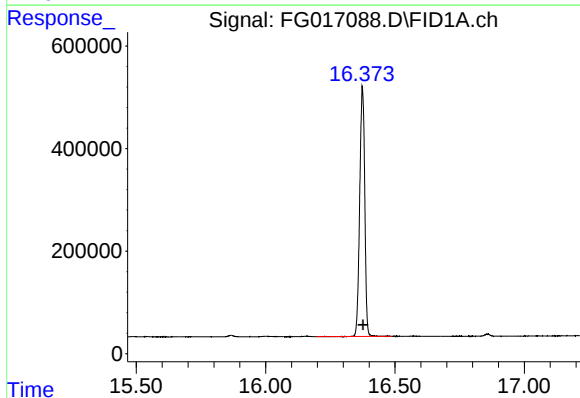
R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 6000512
Conc: 57.66 ug/ml

Instrument :
FID_E
ClientSampleId :



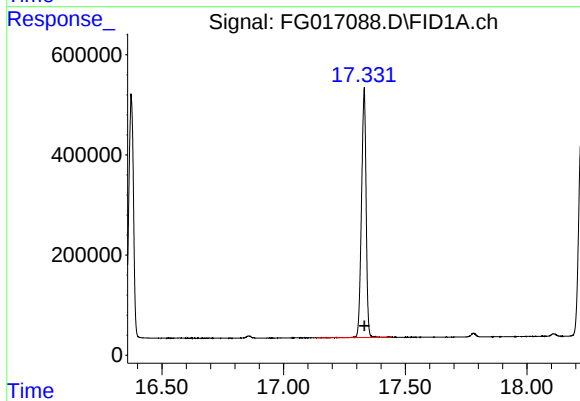
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.001 min
Response: 6893534
Conc: 58.67 ug/ml



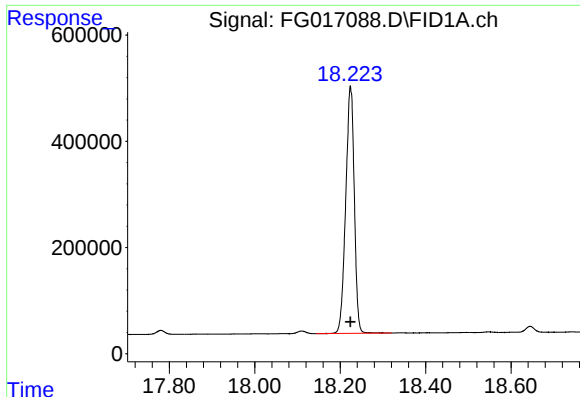
#11 N-HEXACOSANE

R.T.: 16.374 min
Delta R.T.: -0.002 min
Response: 6600932
Conc: 58.75 ug/ml



#12 N-OCTACOSANE

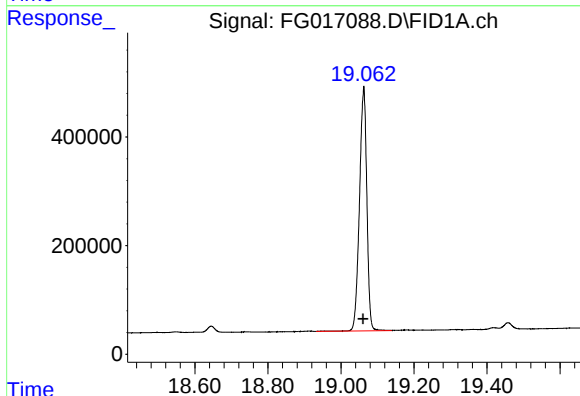
R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 6567413
Conc: 58.20 ug/ml



#13 N-TRIACONTANE

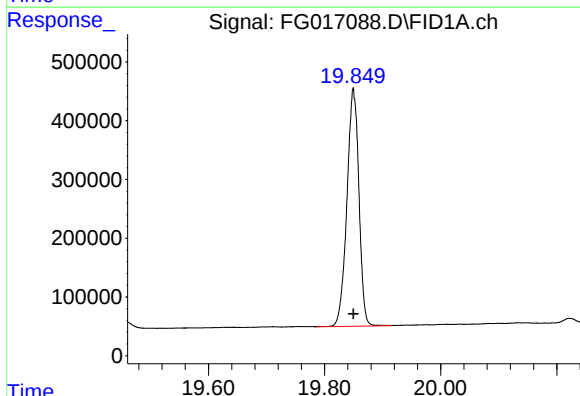
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 6478165
Conc: 57.88 ug/ml

Instrument :
FID_E
ClientSampleId :



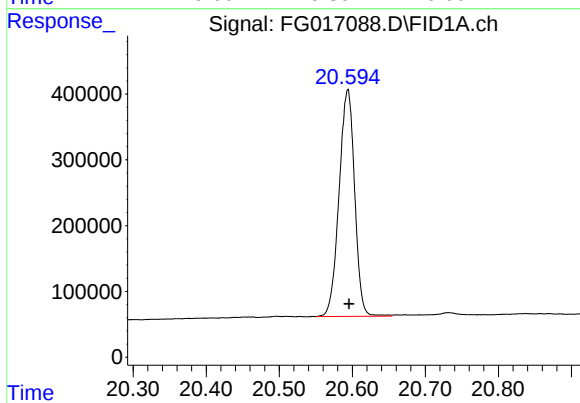
#14 N-DOTRIACONTANE

R.T.: 19.062 min
Delta R.T.: 0.001 min
Response: 6283138
Conc: 58.12 ug/ml



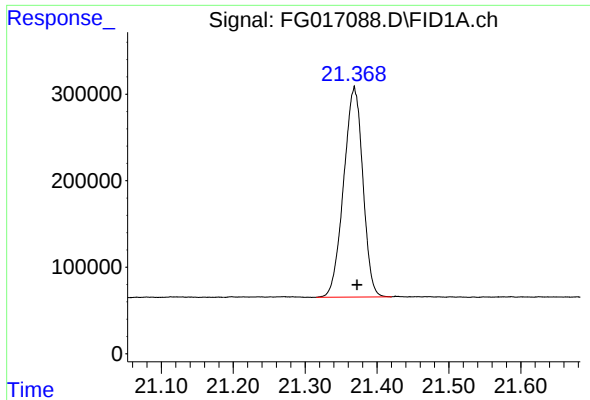
#15 N-TETRATRIACONTANE

R.T.: 19.850 min
Delta R.T.: 0.000 min
Response: 5795960
Conc: 57.81 ug/ml



#16 N-HEXATRIACONTANE

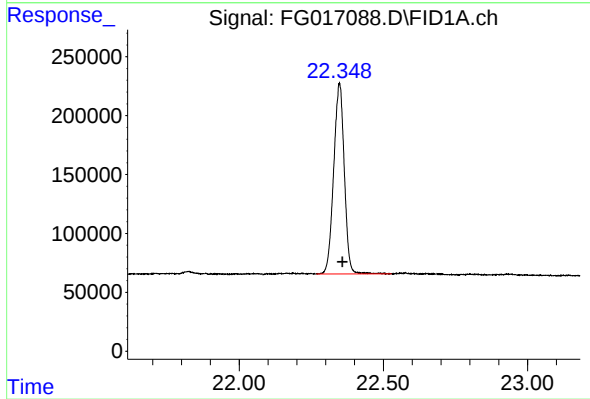
R.T.: 20.594 min
Delta R.T.: -0.002 min
Response: 5107104
Conc: 58.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.368 min
Delta R.T.: -0.004 min
Response: 4494846
Conc: 58.95 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.348 min
Delta R.T.: -0.011 min
Response: 4142297
Conc: 66.21 ug/ml