

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG016993.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 11:47
 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 03:11:55 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...	15.138	5155385	47.923 ug/ml
Target Compounds			
1) N-OCTANE	2.080	6060825	51.152 ug/ml
2) N-DECANE	4.616	6035285	52.213 ug/ml
3) N-DODECANE	6.798	6126043	52.552 ug/ml
4) N-TETRADECANE	8.638	6063937	53.042 ug/ml
5) N-HEXADECANE	10.256	5967298	51.958 ug/ml
6) N-OCTADECANE	11.708	6116437	50.276 ug/ml
7) N-EICOSANE	13.027	6205555	49.275 ug/ml
8) N-DOCOSANE	14.233	5944405	48.304 ug/ml
10) N-TETRACOSANE	15.344	5846573	47.833 ug/ml
11) N-HEXACOSANE	16.372	5620314	47.589 ug/ml
12) N-OCTACOSANE	17.328	5560482	47.001 ug/ml
13) N-TRIACONTANE	18.221	5452418	46.389 ug/ml
14) N-DOTRIACONTANE	19.059	5182512	45.701 ug/ml
15) N-TETRATRIACONTANE	19.847	4793212	45.316 ug/ml
16) N-HEXATRIACONTANE	20.591	4199358	44.411 ug/ml
17) N-OCTATRIACONTANE	21.365	3596178	44.589 ug/ml
18) N-TETRACONTANE	22.343	3023281	43.234 ug/ml

(f)=RT Delta > 1/2 Window

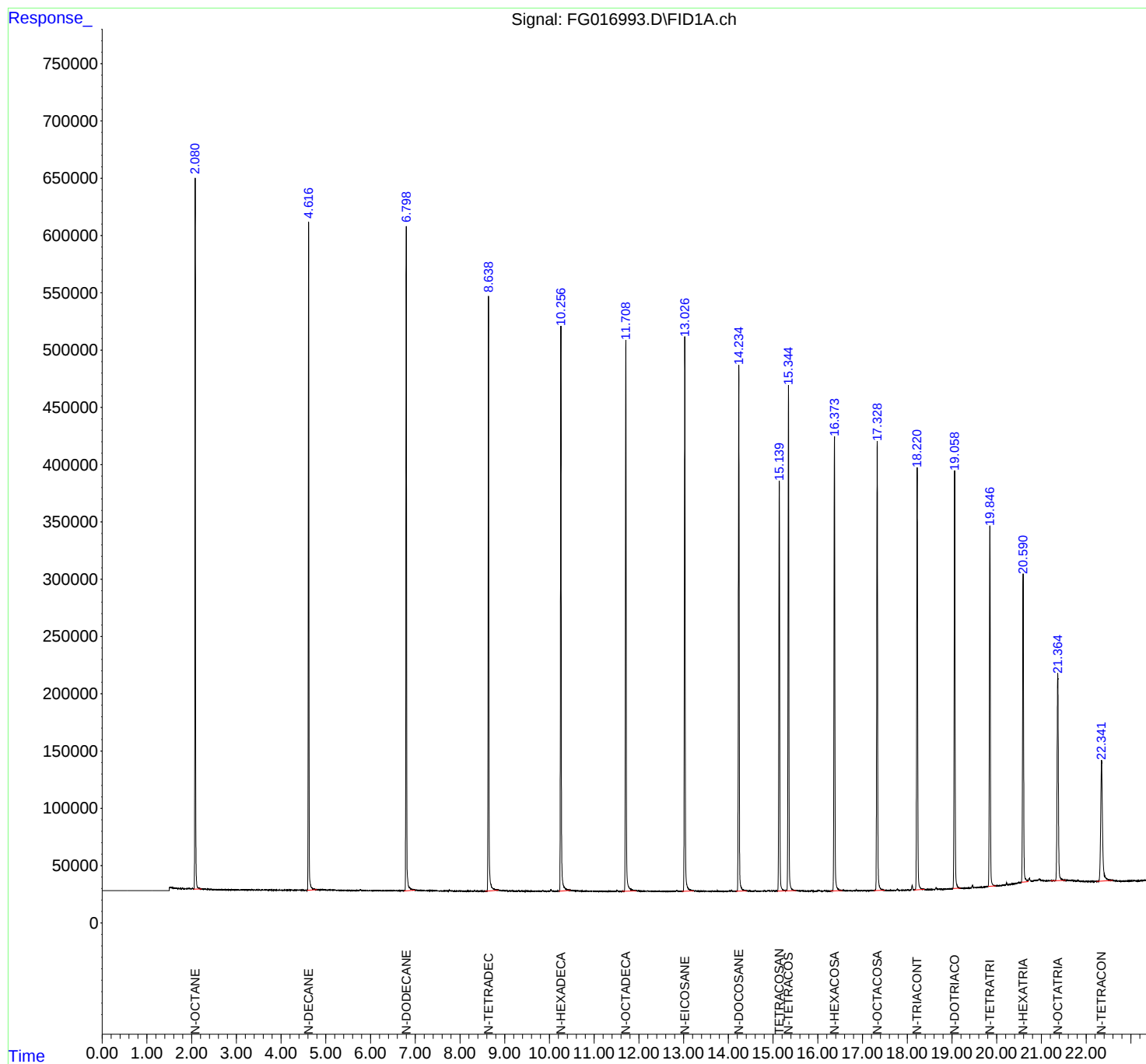
(m)=manual int.

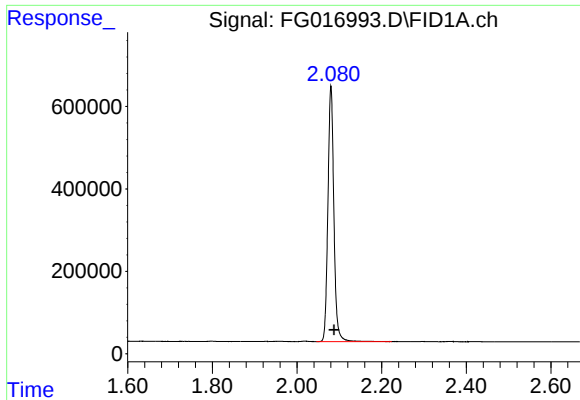
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Signal Info : 20mx0.18mmx0.18um

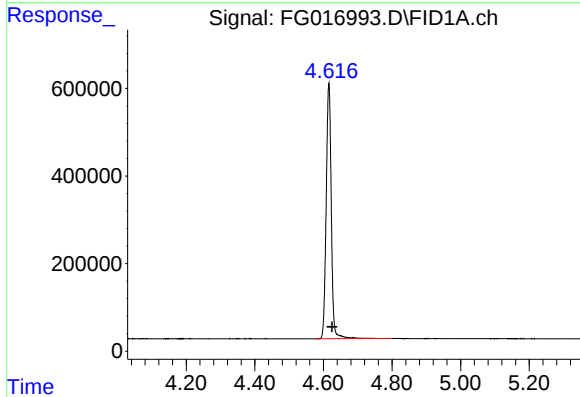




#1 N-OCTANE

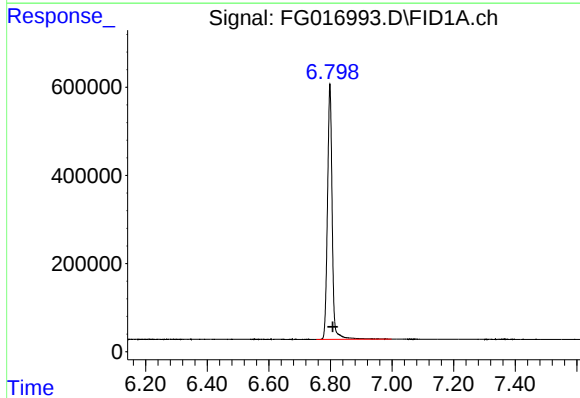
R.T.: 2.080 min
Delta R.T.: -0.008 min
Response: 6060825
Conc: 51.15 ug/ml

Instrument :
FID_E
ClientSampleId :



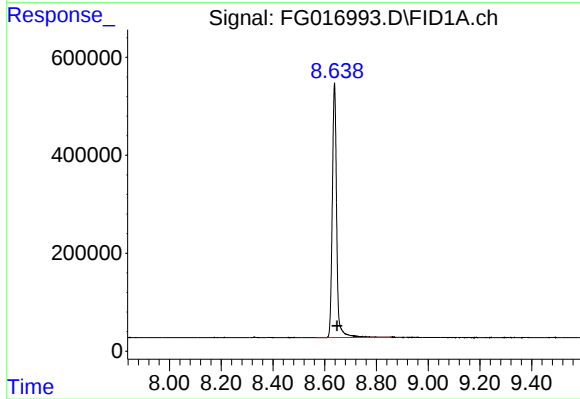
#2 N-DECANE

R.T.: 4.616 min
Delta R.T.: -0.009 min
Response: 6035285
Conc: 52.21 ug/ml



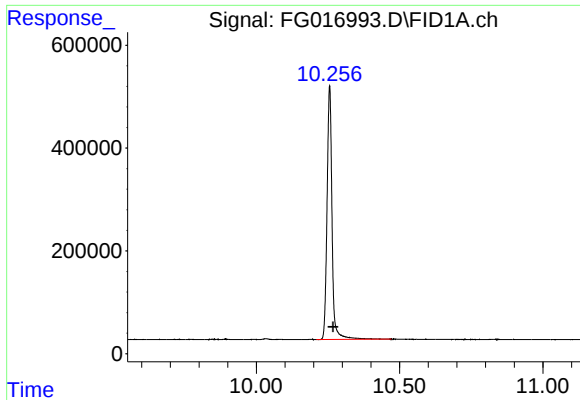
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: -0.009 min
Response: 6126043
Conc: 52.55 ug/ml



#4 N-TETRADECANE

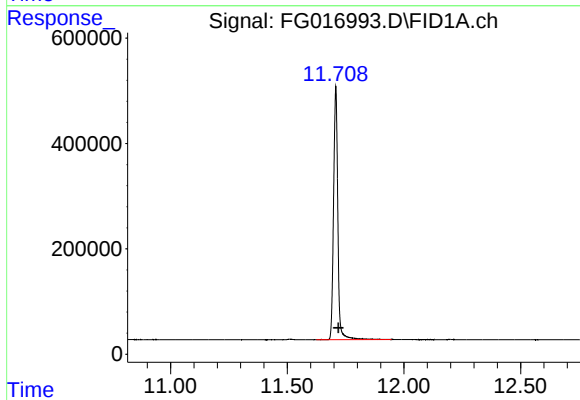
R.T.: 8.638 min
Delta R.T.: -0.010 min
Response: 6063937
Conc: 53.04 ug/ml



#5 N-HEXADECANE

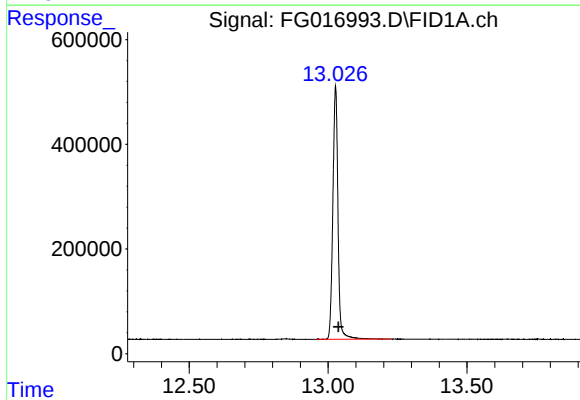
R.T.: 10.256 min
Delta R.T.: -0.011 min
Response: 5967298
Conc: 51.96 ug/ml

Instrument :
FID_E
ClientSampleId :



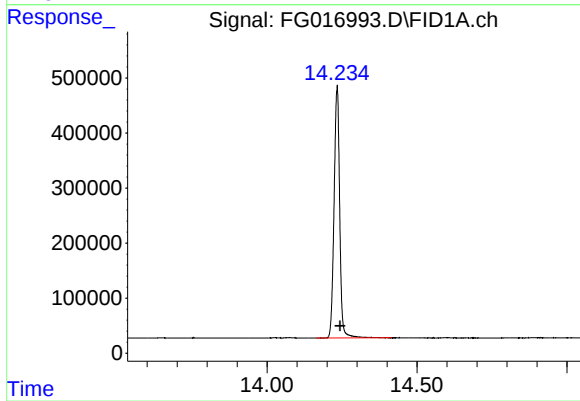
#6 N-OCTADECANE

R.T.: 11.708 min
Delta R.T.: -0.011 min
Response: 6116437
Conc: 50.28 ug/ml



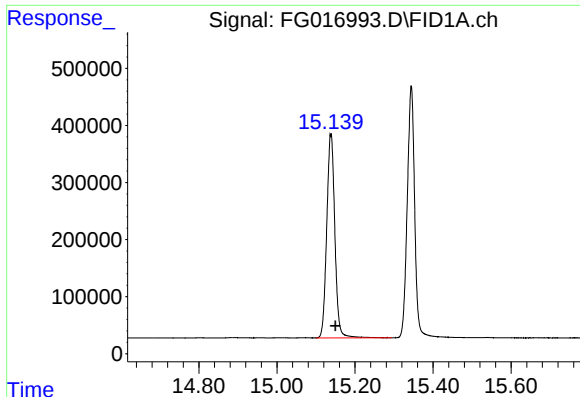
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.011 min
Response: 6205555
Conc: 49.27 ug/ml



#8 N-DOCOSANE

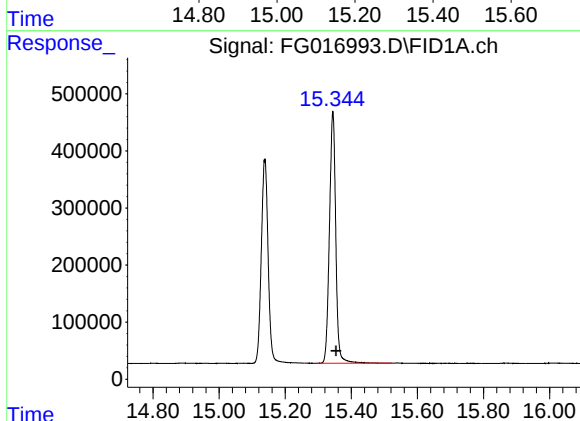
R.T.: 14.233 min
Delta R.T.: -0.010 min
Response: 5944405
Conc: 48.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

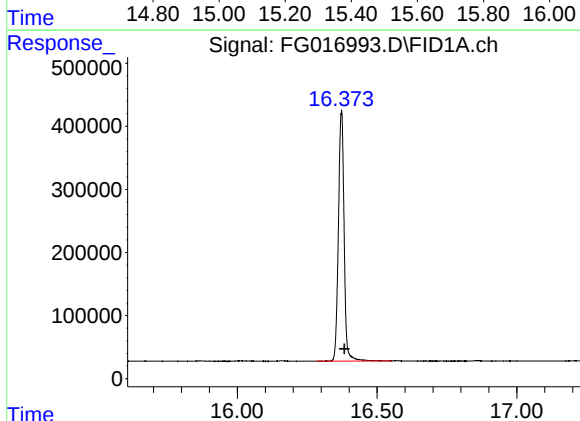
R.T.: 15.138 min
Delta R.T.: -0.011 min
Response: 5155385
Conc: 47.92 ug/ml

Instrument :
FID_E
ClientSampleId :



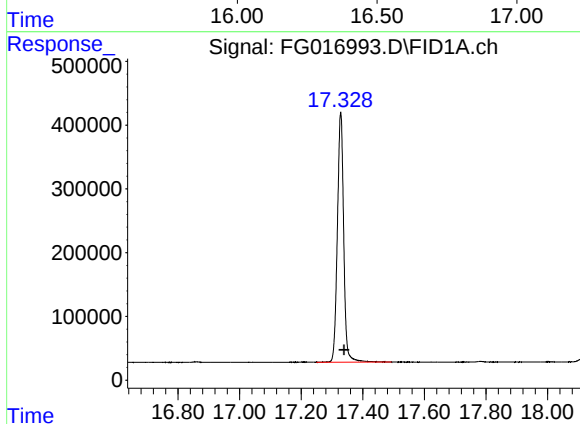
#10 N-TETRACOSANE

R.T.: 15.344 min
Delta R.T.: -0.010 min
Response: 5846573
Conc: 47.83 ug/ml



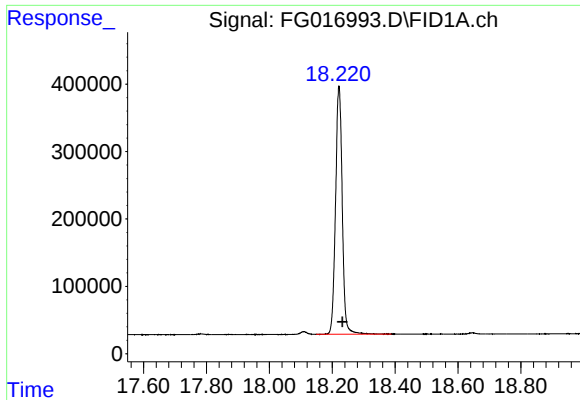
#11 N-HEXACOSANE

R.T.: 16.372 min
Delta R.T.: -0.011 min
Response: 5620314
Conc: 47.59 ug/ml



#12 N-OCTACOSANE

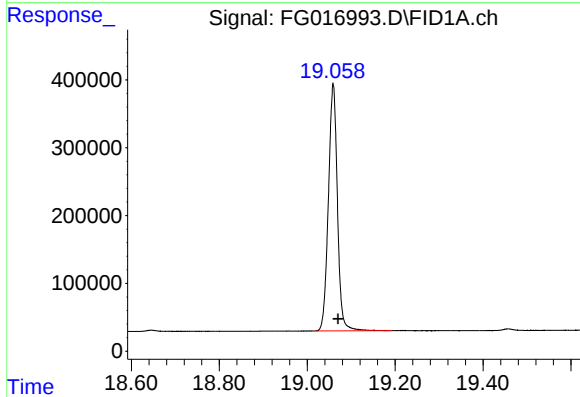
R.T.: 17.328 min
Delta R.T.: -0.011 min
Response: 5560482
Conc: 47.00 ug/ml



#13 N-TRIACONTANE

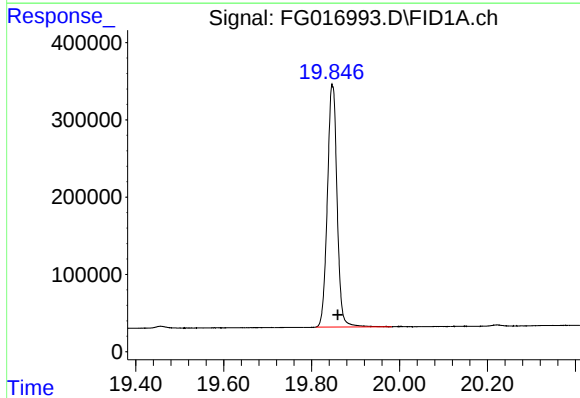
R.T.: 18.221 min
Delta R.T.: -0.011 min
Response: 5452418
Conc: 46.39 ug/ml

Instrument :
FID_E
ClientSampleId :



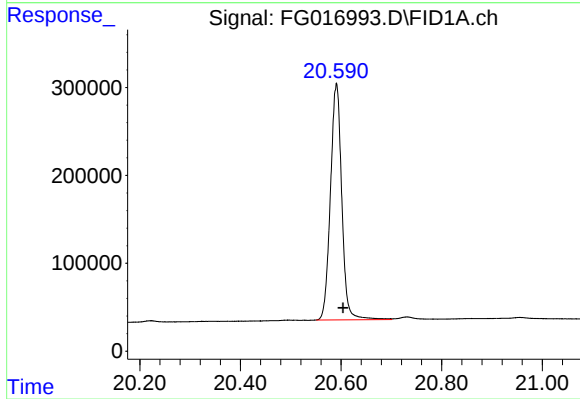
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.011 min
Response: 5182512
Conc: 45.70 ug/ml



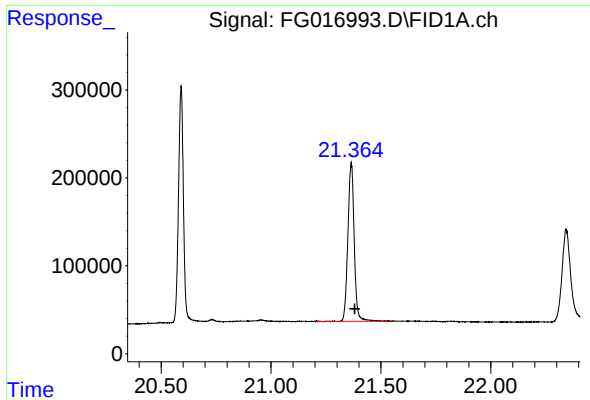
#15 N-TETRATRIACONTANE

R.T.: 19.847 min
Delta R.T.: -0.012 min
Response: 4793212
Conc: 45.32 ug/ml



#16 N-HEXATRIACONTANE

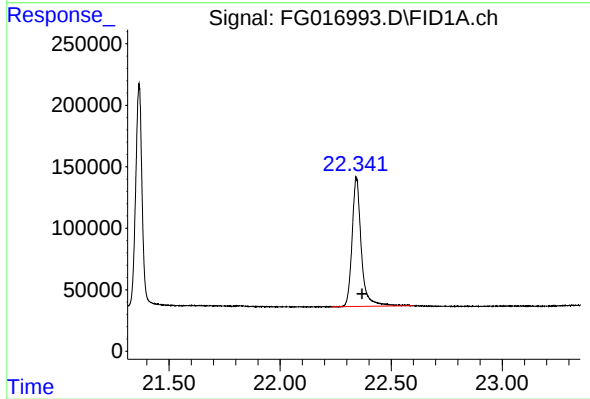
R.T.: 20.591 min
Delta R.T.: -0.013 min
Response: 4199358
Conc: 44.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.365 min
Delta R.T.: -0.016 min
Response: 3596178
Conc: 44.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.343 min
Delta R.T.: -0.026 min
Response: 3023281
Conc: 43.23 ug/ml