

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG017008.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 21:08
 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 03:18:42 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	5051914	46.961 ug/ml
Target Compounds			
1) N-OCTANE	2.079	5683181	47.964 ug/ml
2) N-DECANE	4.617	5641301	48.804 ug/ml
3) N-DODECANE	6.799	5727591	49.133 ug/ml
4) N-TETRADECANE	8.638	5772925	50.497 ug/ml
5) N-HEXADECANE	10.255	5716084	49.771 ug/ml
6) N-OCTADECANE	11.708	5909685	48.577 ug/ml
7) N-EICOSANE	13.027	6038069	47.945 ug/ml
8) N-DOCOSANE	14.233	5837160	47.433 ug/ml
10) N-TETRACOSANE	15.344	5729108	46.872 ug/ml
11) N-HEXACOSANE	16.372	5509180	46.648 ug/ml
12) N-OCTACOSANE	17.328	5458239	46.137 ug/ml
13) N-TRIACONTANE	18.222	5348073	45.501 ug/ml
14) N-DOTRIACONTANE	19.059	5072054	44.727 ug/ml
15) N-TETRATRIACONTANE	19.847	4687728	44.318 ug/ml
16) N-HEXATRIACONTANE	20.591	4112098	43.488 ug/ml
17) N-OCTATRIACONTANE	21.364	3611772	44.782 ug/ml
18) N-TETRACONTANE	22.344	3036300	43.421 ug/ml

(f)=RT Delta > 1/2 Window

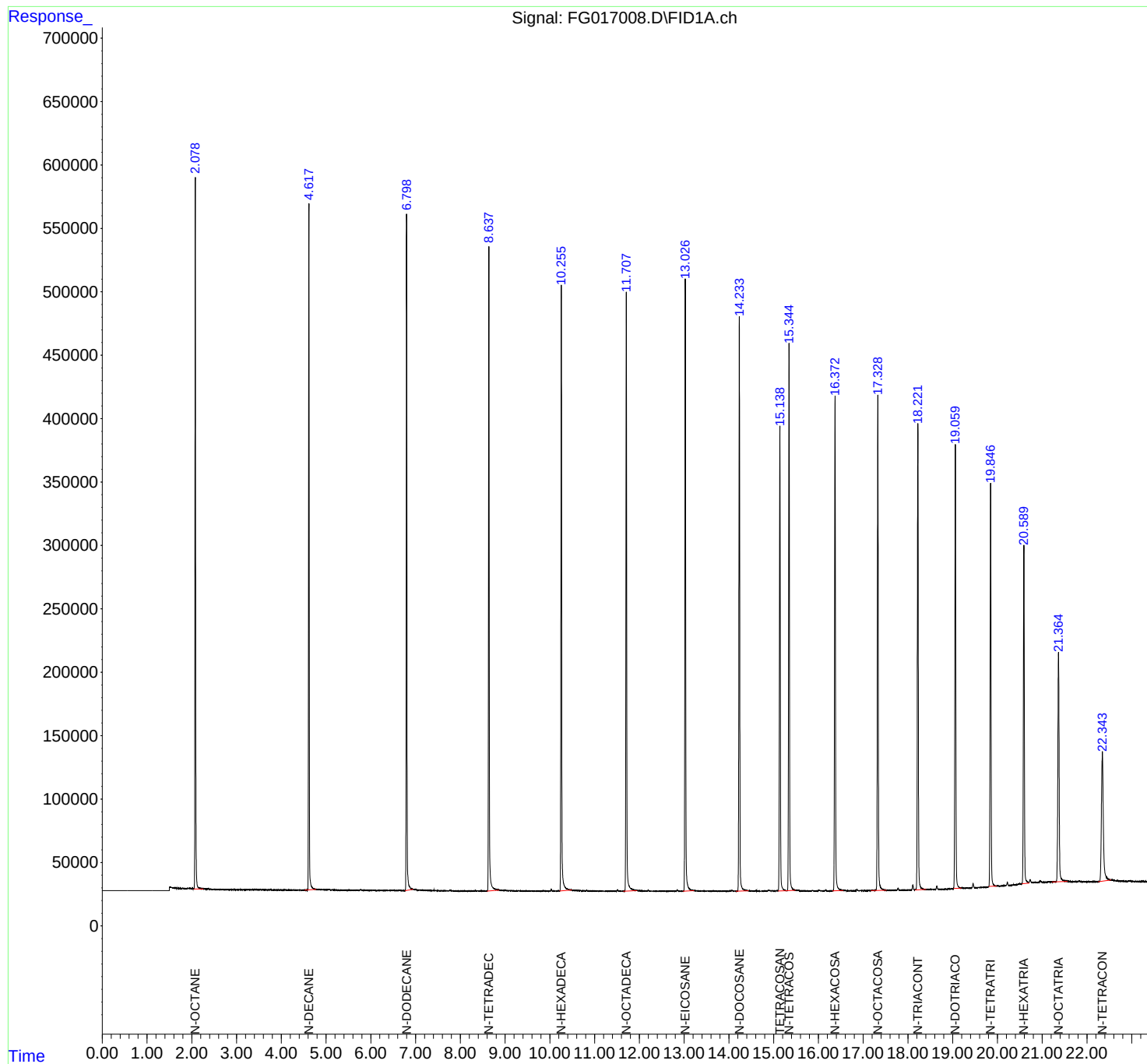
(m)=manual int.

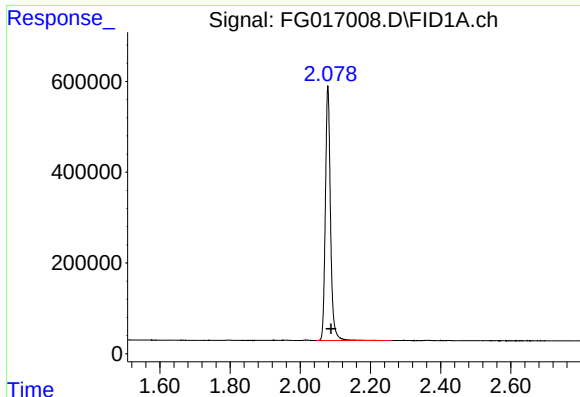
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

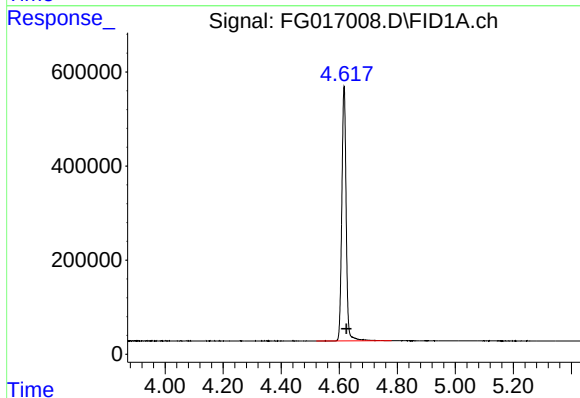




#1 N-OCTANE

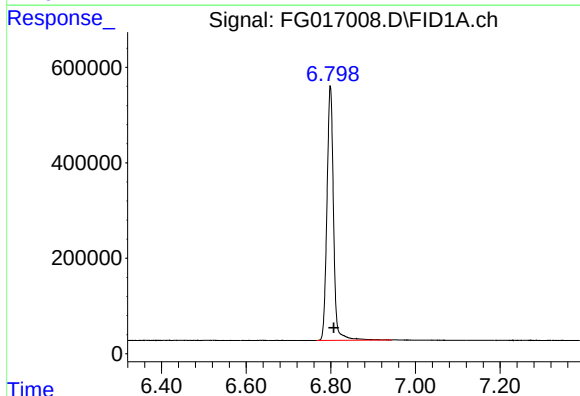
R.T.: 2.079 min
Delta R.T.: -0.009 min
Response: 5683181
Conc: 47.96 ug/ml

Instrument :
FID_E
ClientSampleId :



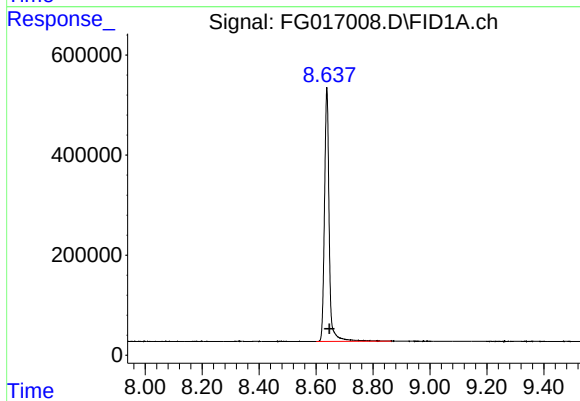
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 5641301
Conc: 48.80 ug/ml



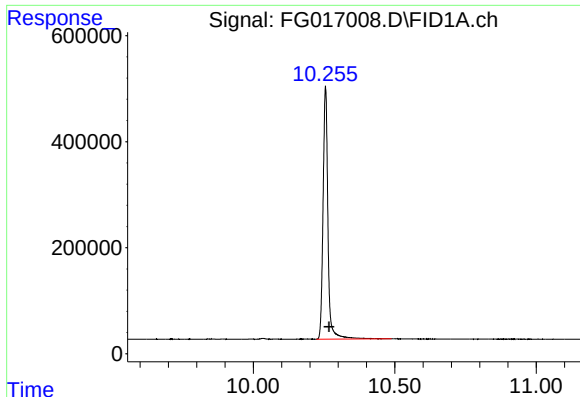
#3 N-DODECANE

R.T.: 6.799 min
Delta R.T.: -0.008 min
Response: 5727591
Conc: 49.13 ug/ml



#4 N-TETRADECANE

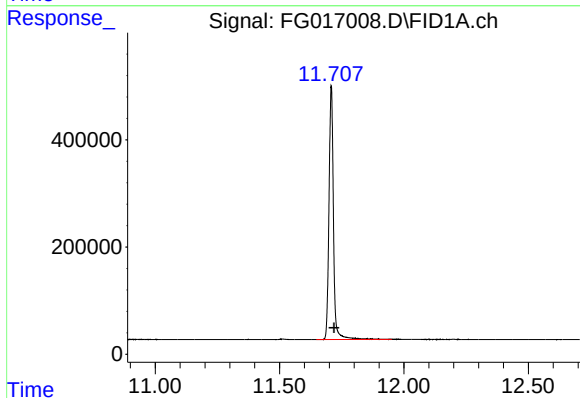
R.T.: 8.638 min
Delta R.T.: -0.009 min
Response: 5772925
Conc: 50.50 ug/ml



#5 N-HEXADECANE

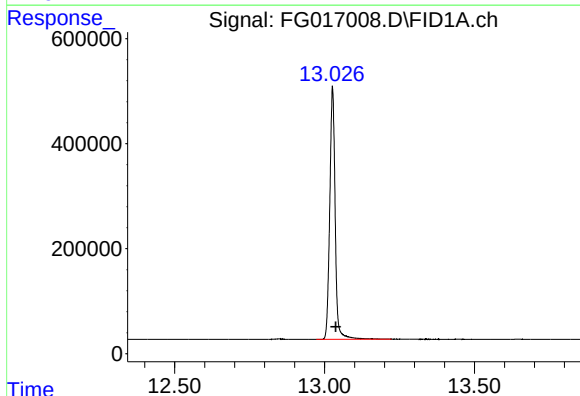
R.T.: 10.255 min
Delta R.T.: -0.012 min
Response: 5716084
Conc: 49.77 ug/ml

Instrument :
FID_E
ClientSampleId :



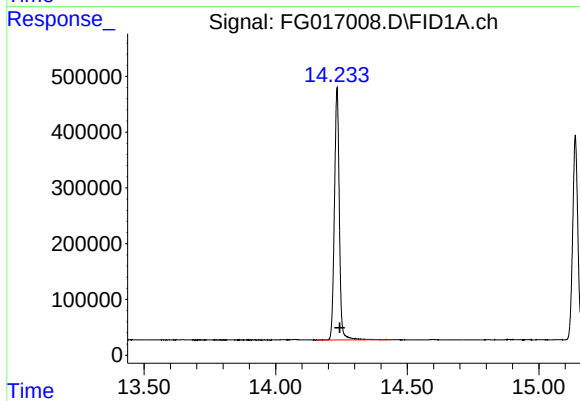
#6 N-OCTADECANE

R.T.: 11.708 min
Delta R.T.: -0.011 min
Response: 5909685
Conc: 48.58 ug/ml



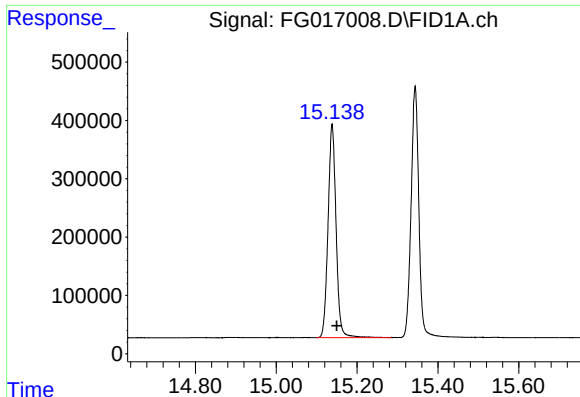
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.011 min
Response: 6038069
Conc: 47.94 ug/ml



#8 N-DOCOSANE

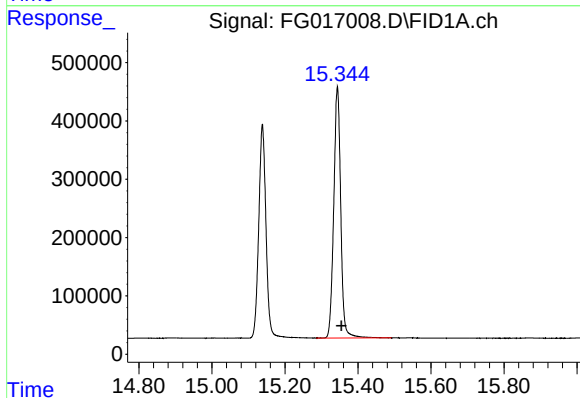
R.T.: 14.233 min
Delta R.T.: -0.011 min
Response: 5837160
Conc: 47.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

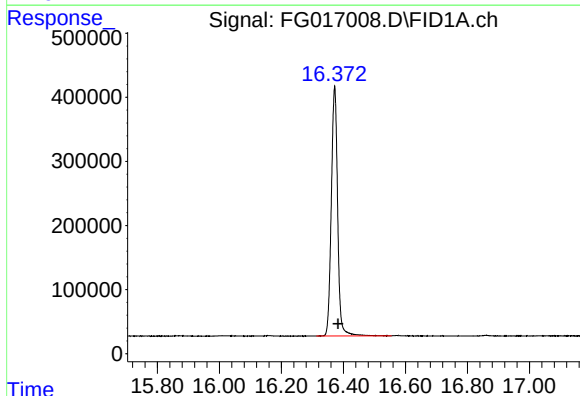
R.T.: 15.138 min
Delta R.T.: -0.011 min
Response: 5051914
Conc: 46.96 ug/ml

Instrument :
FID_E
ClientSampleId :



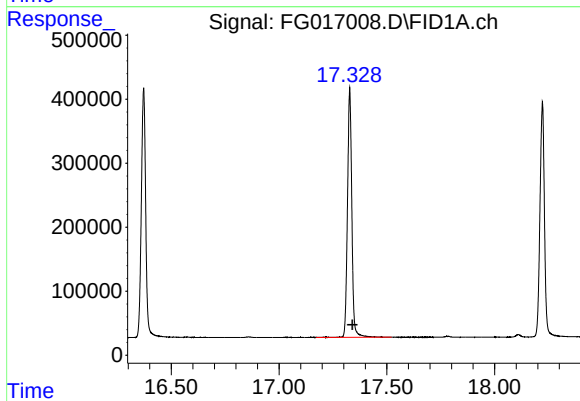
#10 N-TETRACOSANE

R.T.: 15.344 min
Delta R.T.: -0.010 min
Response: 5729108
Conc: 46.87 ug/ml



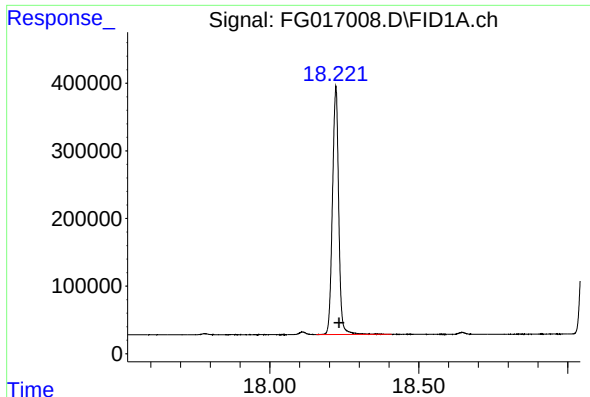
#11 N-HEXACOSANE

R.T.: 16.372 min
Delta R.T.: -0.011 min
Response: 5509180
Conc: 46.65 ug/ml



#12 N-OCTACOSANE

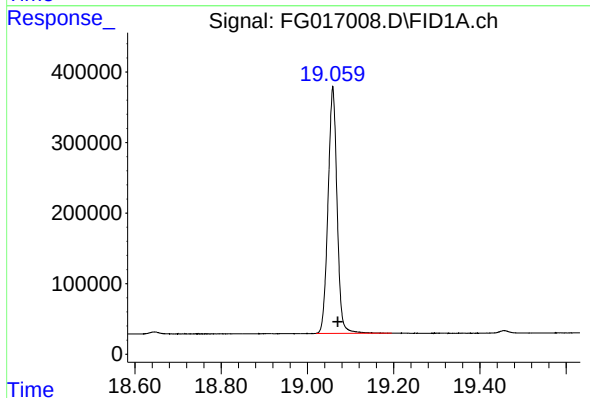
R.T.: 17.328 min
Delta R.T.: -0.012 min
Response: 5458239
Conc: 46.14 ug/ml



#13 N-TRIACONTANE

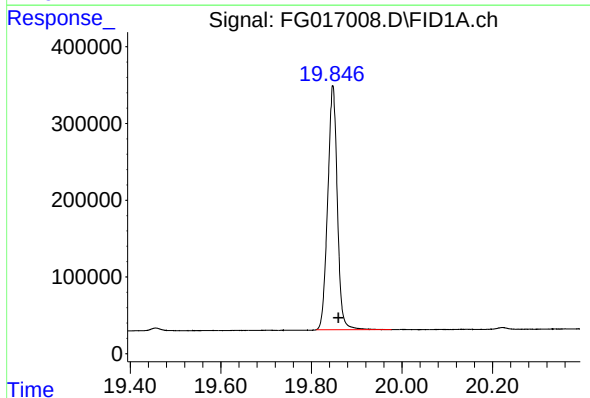
R.T.: 18.222 min
Delta R.T.: -0.011 min
Response: 5348073
Conc: 45.50 ug/ml

Instrument :
FID_E
ClientSampleId :



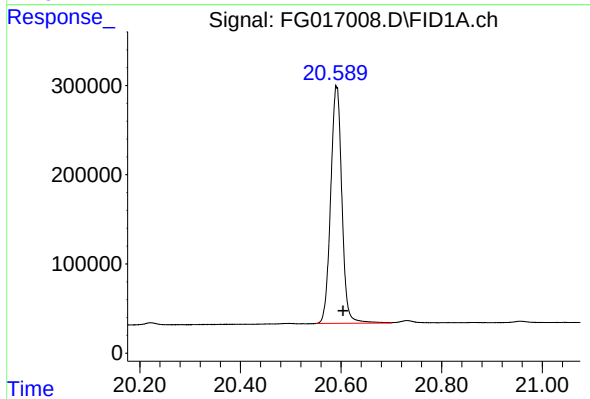
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.011 min
Response: 5072054
Conc: 44.73 ug/ml



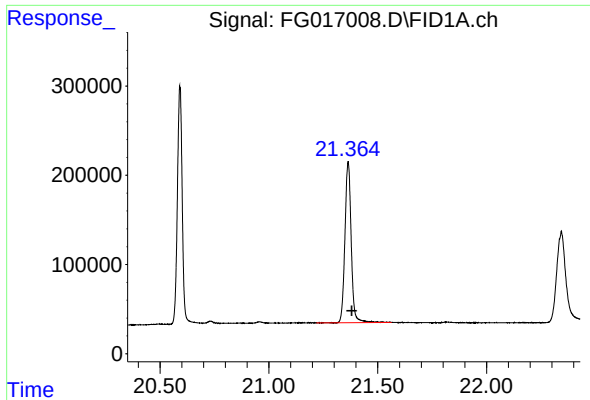
#15 N-TETRATRIACONTANE

R.T.: 19.847 min
Delta R.T.: -0.012 min
Response: 4687728
Conc: 44.32 ug/ml



#16 N-HEXATRIACONTANE

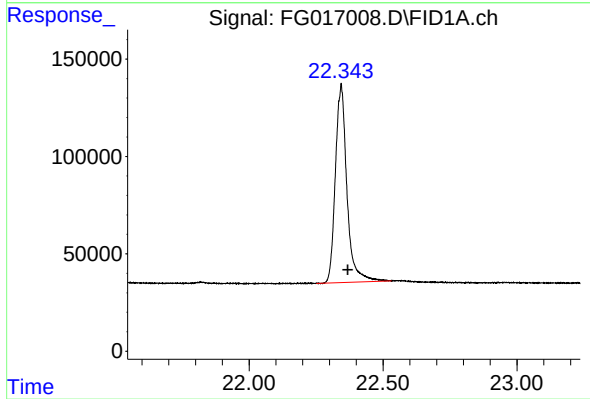
R.T.: 20.591 min
Delta R.T.: -0.013 min
Response: 4112098
Conc: 43.49 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.364 min
Delta R.T.: -0.017 min
Response: 3611772
Conc: 44.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.344 min
Delta R.T.: -0.025 min
Response: 3036300
Conc: 43.42 ug/ml