

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032525\
 Data File : FG015545.D
 Signal(s) : FID1A.ch
 Acq On : 25 Mar 2025 12:19
 Operator : YP\AJ
 Sample : PB167294BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167294BS

Integration File: autoint1.e
 Quant Time: Mar 26 01:38:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.018	2133965	19.600 ug/ml
Target Compounds			
1) N-OCTANE	1.994	1705852	15.518 ug/ml
2) N-DECANE	4.521	2095056	18.828 ug/ml
3) N-DODECANE	6.702	2225964	19.153 ug/ml
4) N-TETRADECANE	8.538	2238292	19.425 ug/ml
5) N-HEXADECANE	10.151	2326200	19.599 ug/ml
6) N-OCTADECANE	11.600	2443473	19.730 ug/ml
7) N-EICOSANE	12.914	2416822	19.897 ug/ml
8) N-DOCOSANE	14.115	2407655	20.109 ug/ml
10) N-TETRACOSANE	15.222	2405118	20.141 ug/ml
11) N-HEXACOSANE	16.246	2340873	19.948 ug/ml
12) N-OCTACOSANE	17.199	2213224	19.120 ug/ml
13) N-TRIACONTANE	18.086	2180057	18.764 ug/ml
14) N-DOTRIACONTANE	18.921	1807507	15.667 ug/ml
15) N-TETRATRIACONTANE	19.706	1101223	10.254 ug/ml
16) N-HEXATRIACONTANE	20.447	636963	6.644 ug/ml
17) N-OCTATRIACONTANE	21.189	482886	5.411 ug/ml
18) N-TETRACONTANE	22.116	372339	4.539 ug/ml

(f)=RT Delta > 1/2 Window

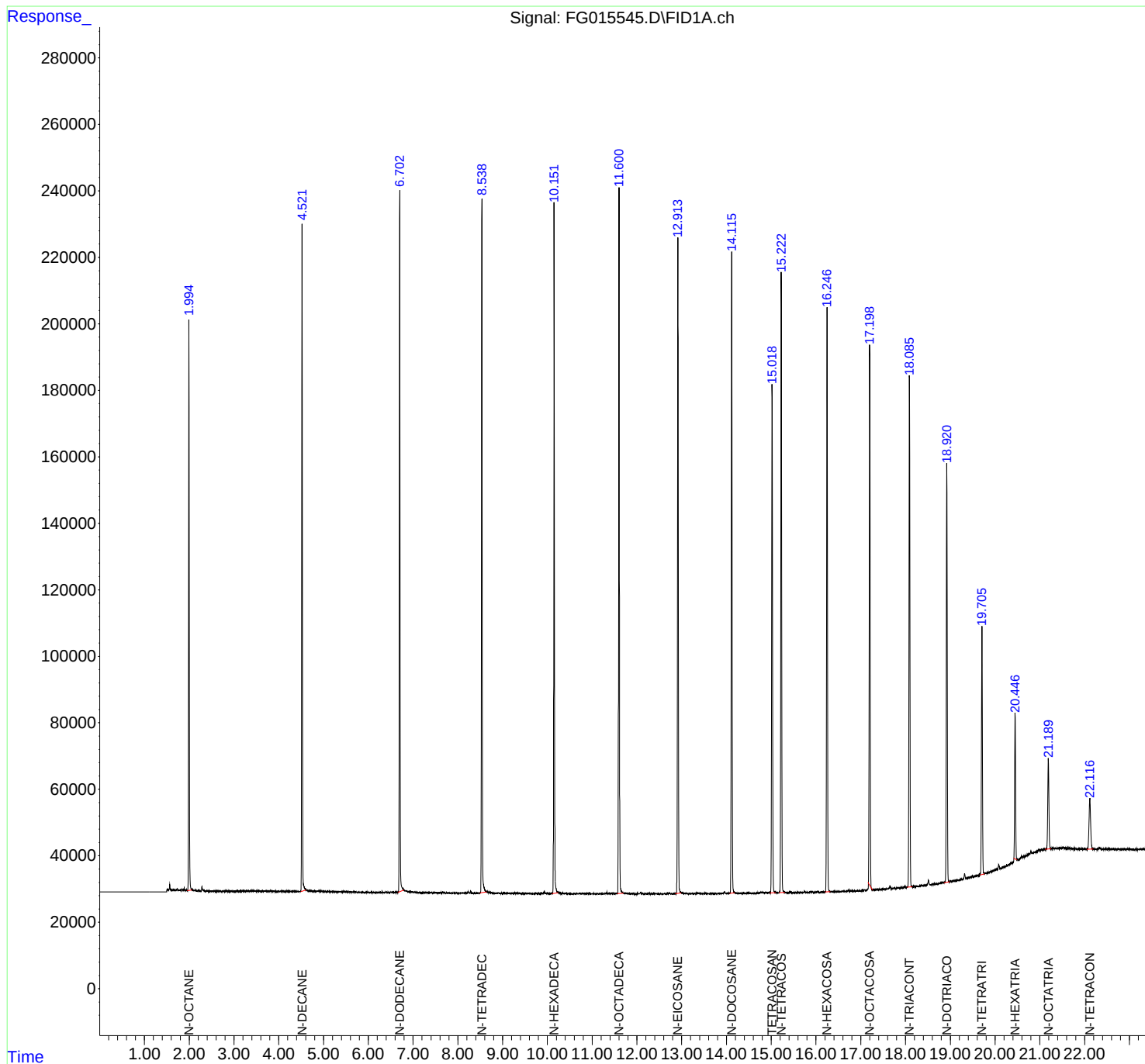
(m)=manual int.

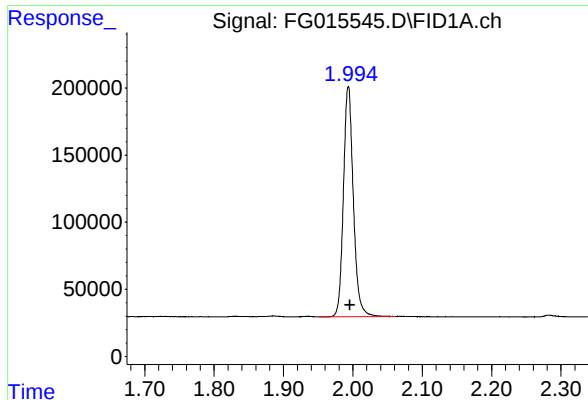
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Signal Info : 20mx0.18mmx0.18um

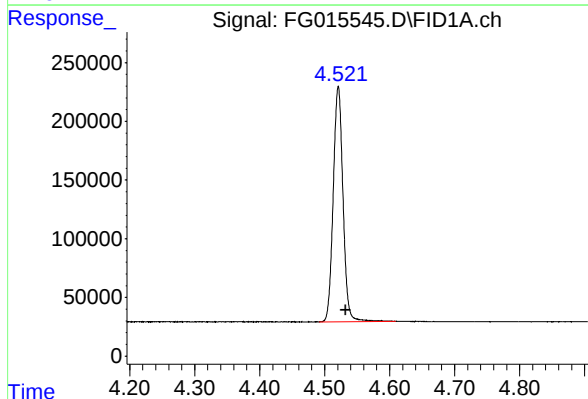




#1 N-OCTANE

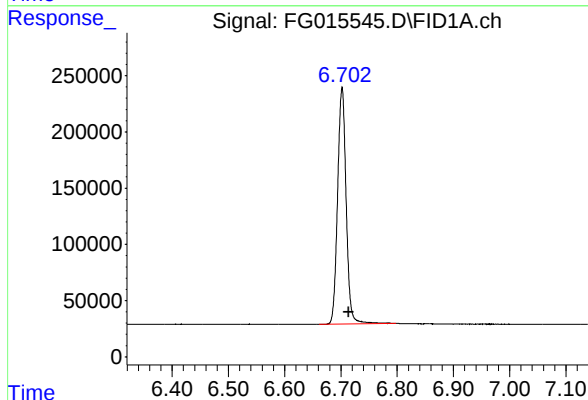
R.T.: 1.994 min
Delta R.T.: -0.002 min
Response: 1705852
Conc: 15.52 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167294BS



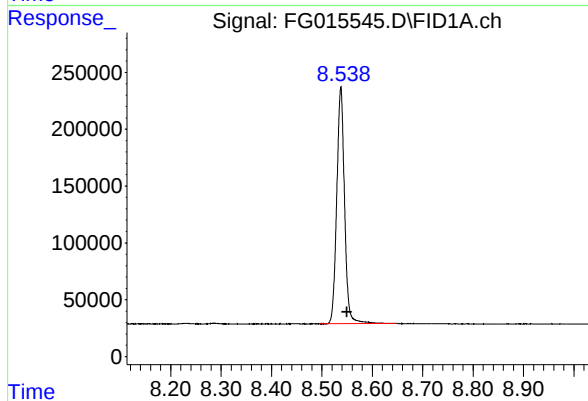
#2 N-DECANE

R.T.: 4.521 min
Delta R.T.: -0.011 min
Response: 2095056
Conc: 18.83 ug/ml



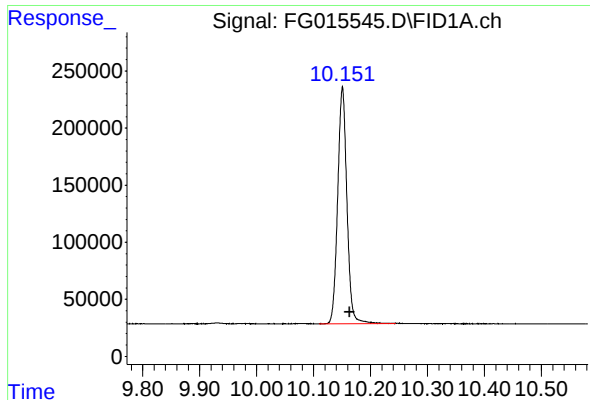
#3 N-DODECANE

R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 2225964
Conc: 19.15 ug/ml



#4 N-TETRADECANE

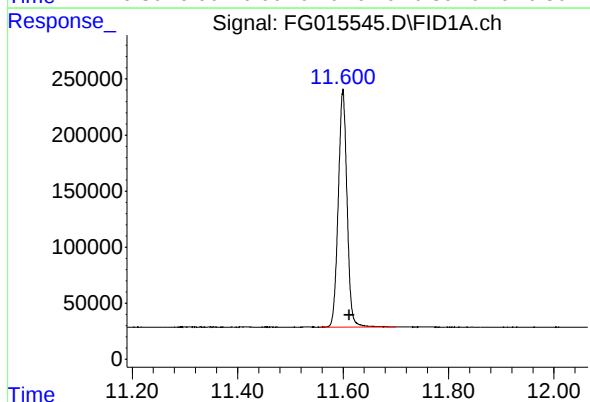
R.T.: 8.538 min
Delta R.T.: -0.012 min
Response: 2238292
Conc: 19.42 ug/ml



#5 N-HEXADECANE

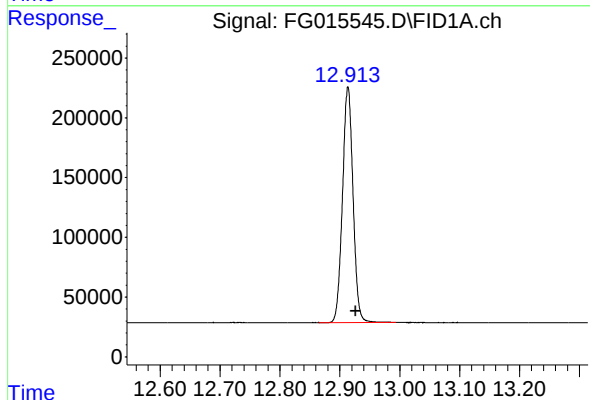
R.T.: 10.151 min
Delta R.T.: -0.013 min
Response: 2326200
Conc: 19.60 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167294BS



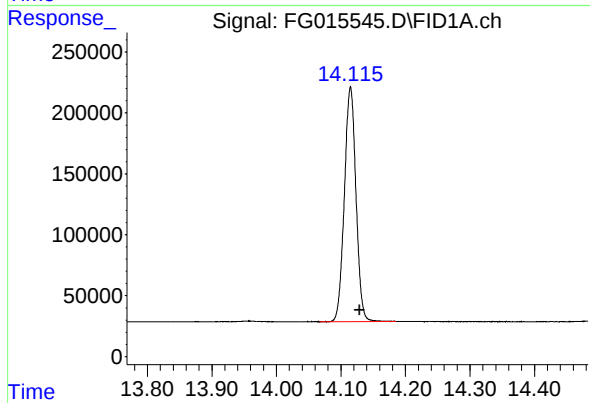
#6 N-OCTADECANE

R.T.: 11.600 min
Delta R.T.: -0.012 min
Response: 2443473
Conc: 19.73 ug/ml



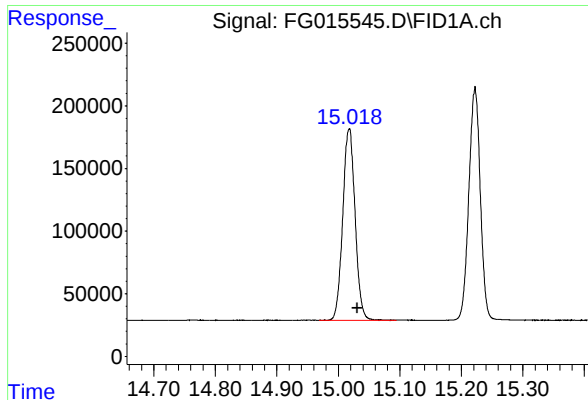
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.013 min
Response: 2416822
Conc: 19.90 ug/ml



#8 N-DOCOSANE

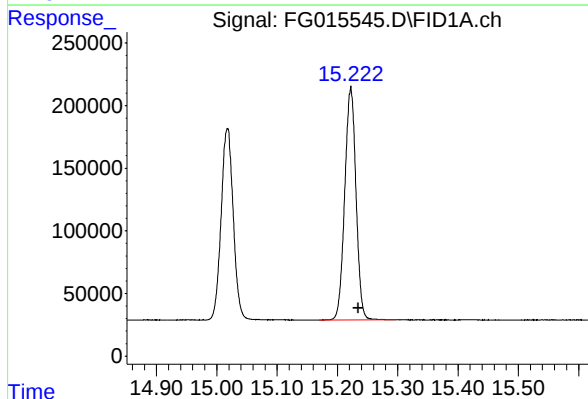
R.T.: 14.115 min
Delta R.T.: -0.014 min
Response: 2407655
Conc: 20.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

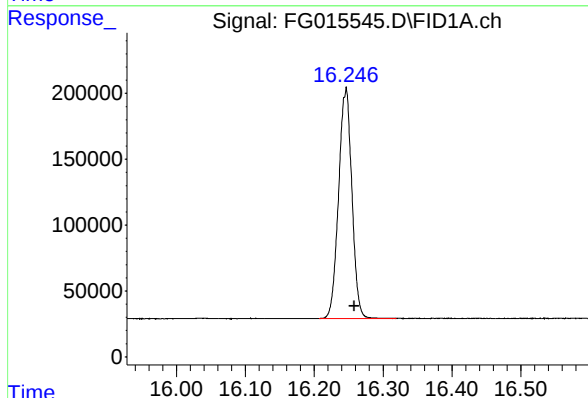
R.T.: 15.018 min
Delta R.T.: -0.013 min
Response: 2133965
Conc: 19.60 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167294BS



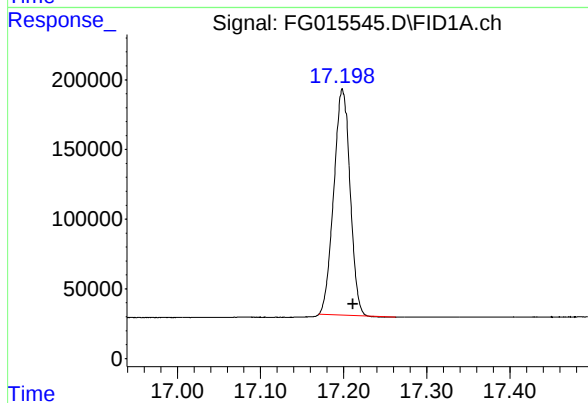
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: -0.012 min
Response: 2405118
Conc: 20.14 ug/ml



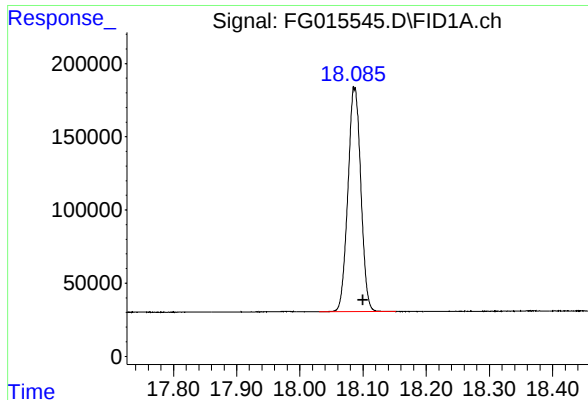
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.012 min
Response: 2340873
Conc: 19.95 ug/ml



#12 N-OCTACOSANE

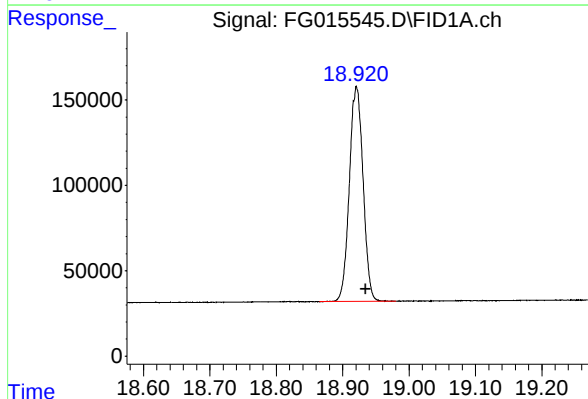
R.T.: 17.199 min
Delta R.T.: -0.013 min
Response: 2213224
Conc: 19.12 ug/ml



#13 N-TRIACONTANE

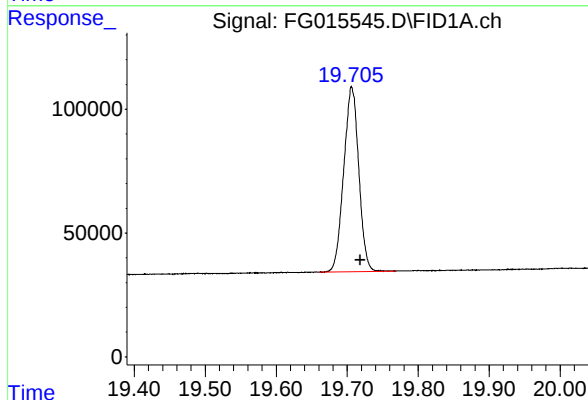
R.T.: 18.086 min
Delta R.T.: -0.014 min
Response: 2180057
Conc: 18.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167294BS



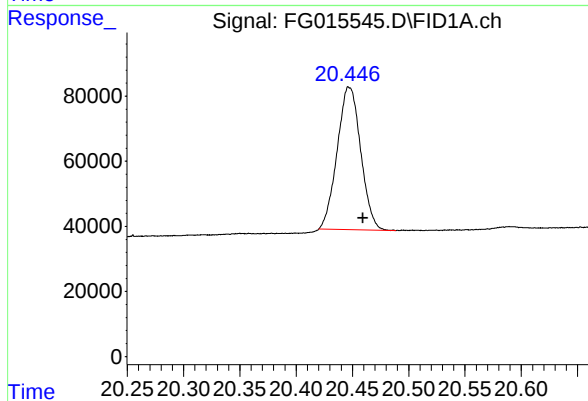
#14 N-DOTRIACONTANE

R.T.: 18.921 min
Delta R.T.: -0.014 min
Response: 1807507
Conc: 15.67 ug/ml



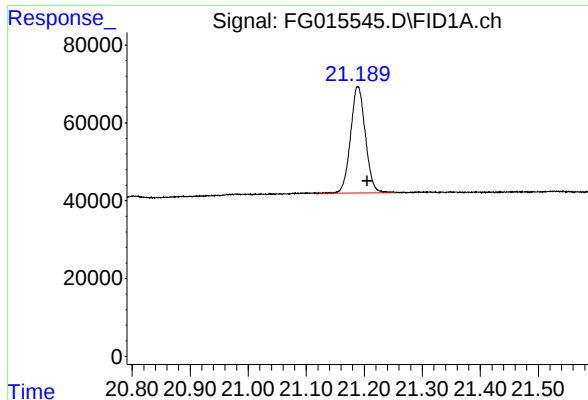
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: -0.012 min
Response: 1101223
Conc: 10.25 ug/ml



#16 N-HEXATRIACONTANE

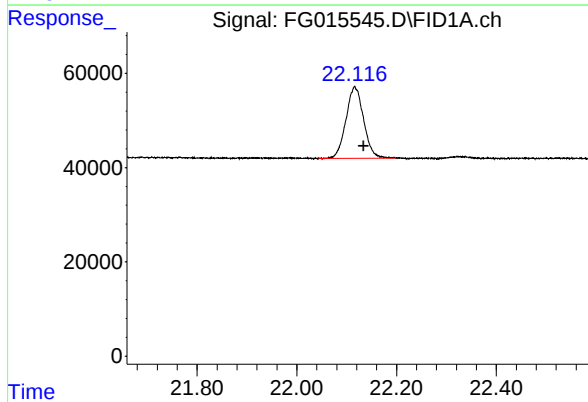
R.T.: 20.447 min
Delta R.T.: -0.012 min
Response: 636963
Conc: 6.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.189 min
Delta R.T.: -0.016 min
Response: 482886
Conc: 5.41 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167294BS



#18 N-TETRACONTANE

R.T.: 22.116 min
Delta R.T.: -0.018 min
Response: 372339
Conc: 4.54 ug/ml