

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071825\
 Data File : FG016336.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2025 12:53
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 19 01:59:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.207	4774495	47.752 ug/ml
Target Compounds			
1) N-OCTANE	2.120	4880777	43.222 ug/ml
2) N-DECANE	4.671	5229290	45.403 ug/ml
3) N-DODECANE	6.855	5346585	46.115 ug/ml
4) N-TETRADECANE	8.696	5441010	46.097 ug/ml
5) N-HEXADECANE	10.317	5501843	47.567 ug/ml
6) N-OCTADECANE	11.771	5639046	48.041 ug/ml
7) N-EICOSANE	13.092	5695634	47.610 ug/ml
8) N-DOCOSANE	14.301	5451035	47.302 ug/ml
10) N-TETRACOSANE	15.413	5453309	47.730 ug/ml
11) N-HEXACOSANE	16.442	5267070	47.865 ug/ml
12) N-OCTACOSANE	17.398	5179697	47.630 ug/ml
13) N-TRIACONTANE	18.293	5298093	49.580 ug/ml
14) N-DOTRIACONTANE	19.132	5237612	51.796 ug/ml
15) N-TETRATRIACONTANE	19.921	4605678	50.619 ug/ml
16) N-HEXATRIACONTANE	20.664	4244515	56.361 ug/ml
17) N-OCTATRIACONTANE	21.457	3570810	54.866 ug/ml
18) N-TETRACONTANE	22.466	3252130	56.426 ug/ml

(f)=RT Delta > 1/2 Window

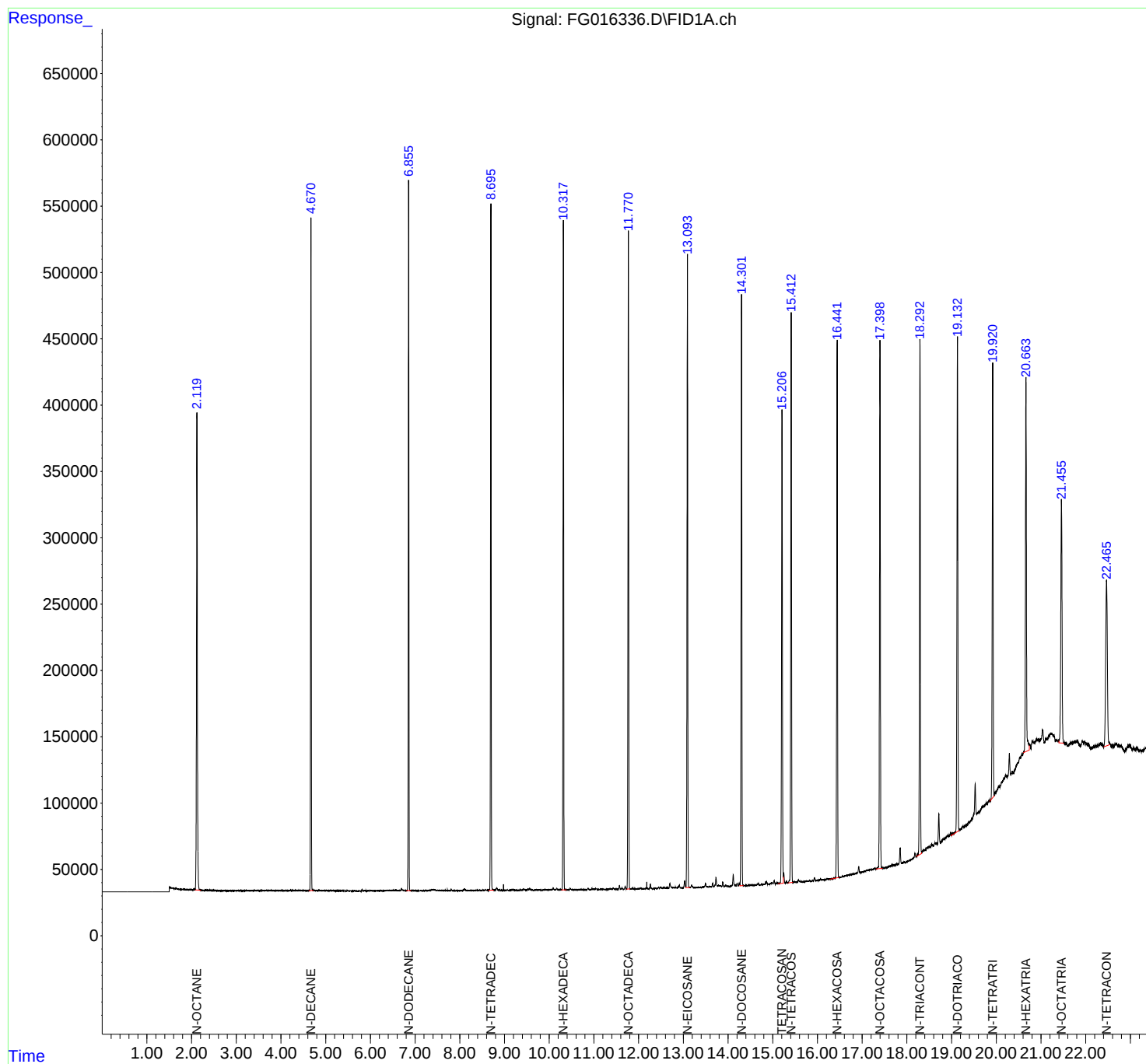
(m)=manual int.

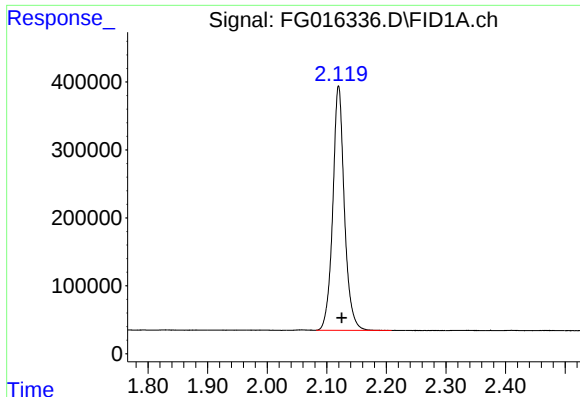
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Integrator: ChemStation

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

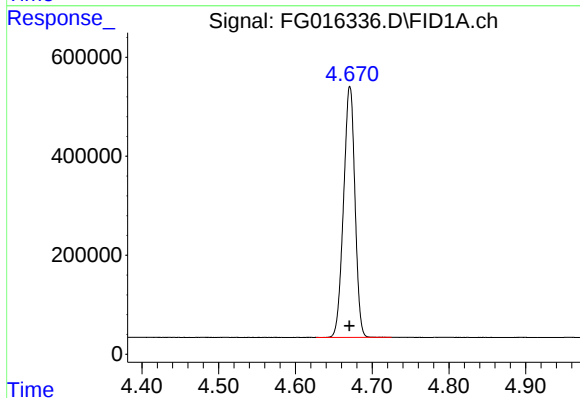




#1 N-OCTANE

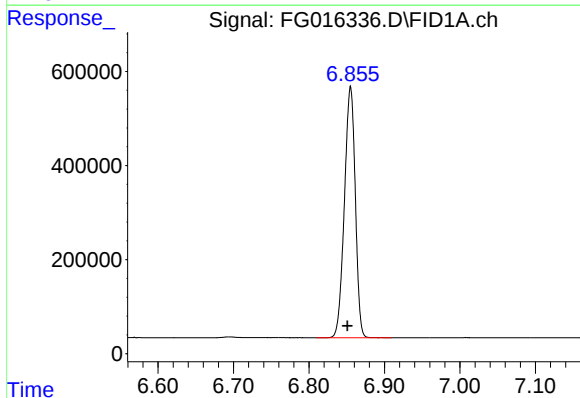
R.T.: 2.120 min
Delta R.T.: -0.005 min
Response: 4880777
Conc: 43.22 ug/ml

Instrument :
FID_G
ClientSampleId :



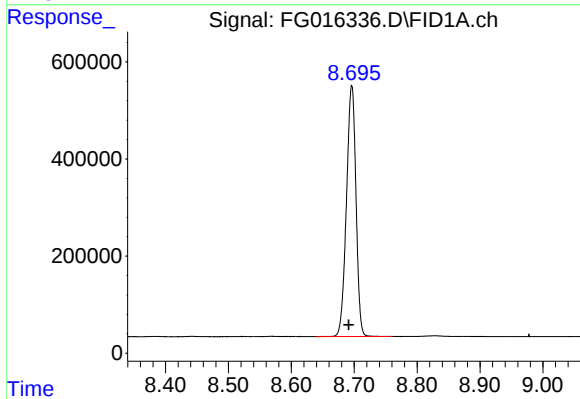
#2 N-DECANE

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 5229290
Conc: 45.40 ug/ml



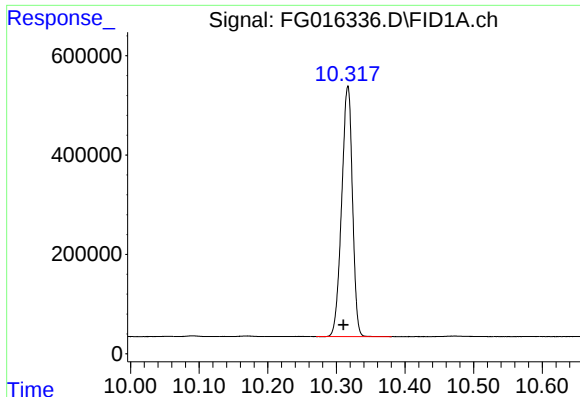
#3 N-DODECANE

R.T.: 6.855 min
Delta R.T.: 0.004 min
Response: 5346585
Conc: 46.11 ug/ml



#4 N-TETRADECANE

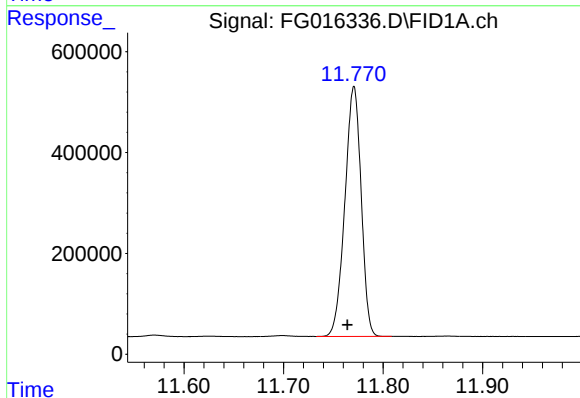
R.T.: 8.696 min
Delta R.T.: 0.005 min
Response: 5441010
Conc: 46.10 ug/ml



#5 N-HEXADECANE

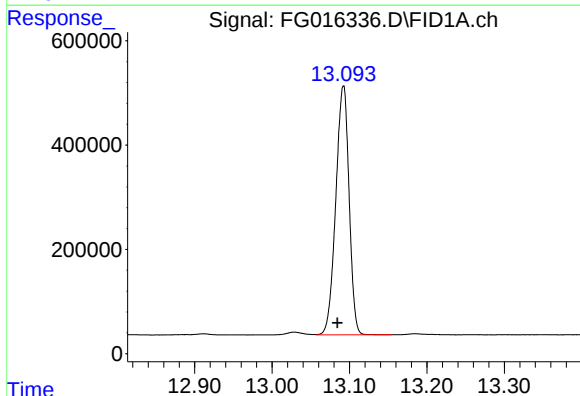
R.T.: 10.317 min
Delta R.T.: 0.006 min
Response: 5501843
Conc: 47.57 ug/ml

Instrument :
FID_G
ClientSampleId :



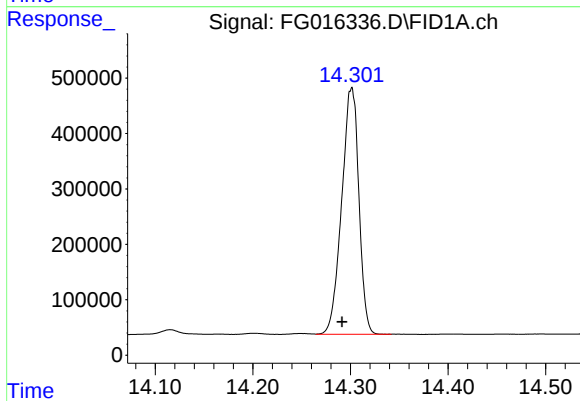
#6 N-OCTADECANE

R.T.: 11.771 min
Delta R.T.: 0.007 min
Response: 5639046
Conc: 48.04 ug/ml



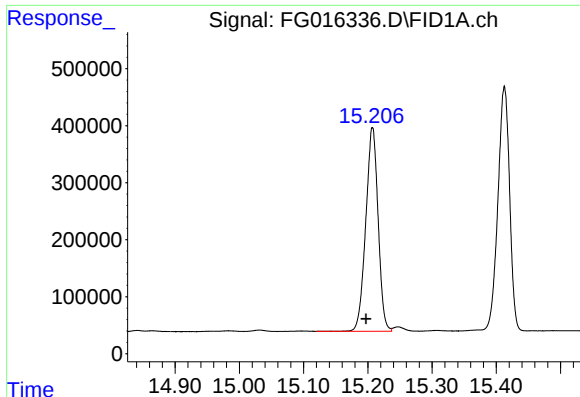
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.008 min
Response: 5695634
Conc: 47.61 ug/ml



#8 N-DOCOSANE

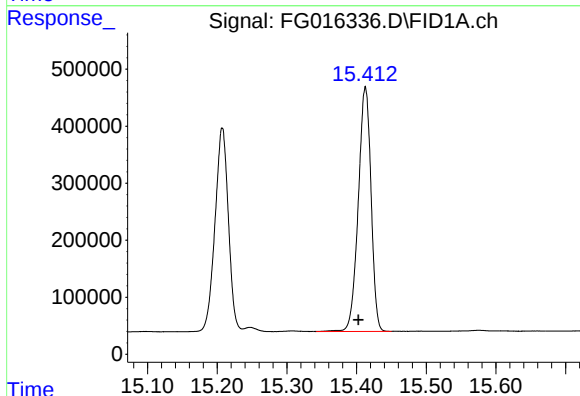
R.T.: 14.301 min
Delta R.T.: 0.010 min
Response: 5451035
Conc: 47.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

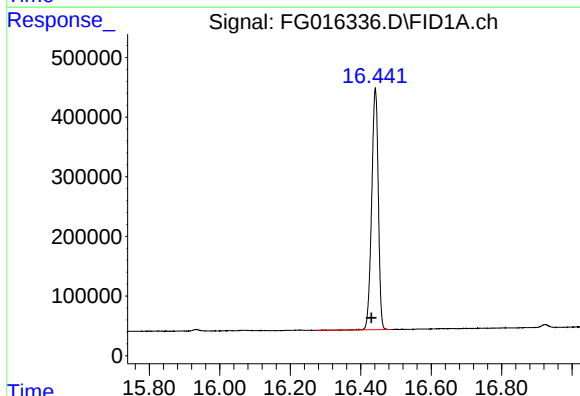
R.T.: 15.207 min
Delta R.T.: 0.010 min
Response: 4774495
Conc: 47.75 ug/ml

Instrument :
FID_G
ClientSampleId :



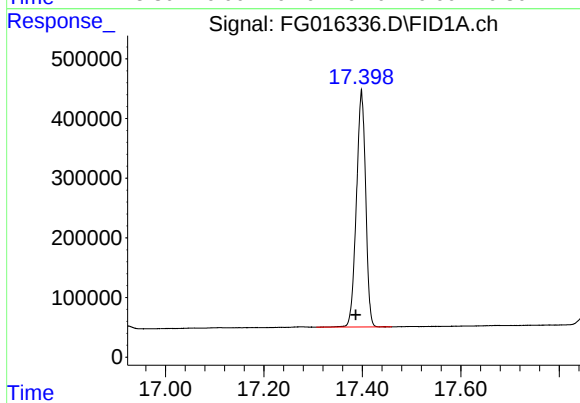
#10 N-TETRACOSANE

R.T.: 15.413 min
Delta R.T.: 0.010 min
Response: 5453309
Conc: 47.73 ug/ml



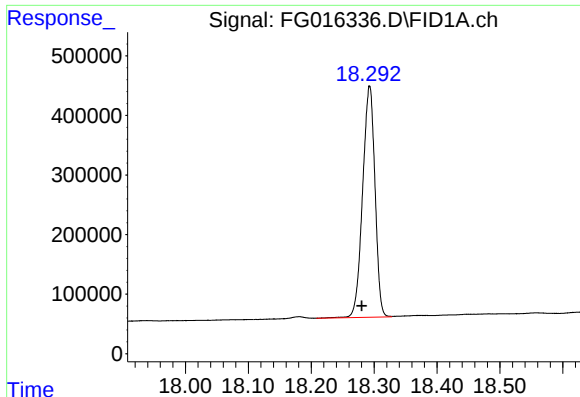
#11 N-HEXACOSANE

R.T.: 16.442 min
Delta R.T.: 0.011 min
Response: 5267070
Conc: 47.87 ug/ml



#12 N-OCTACOSANE

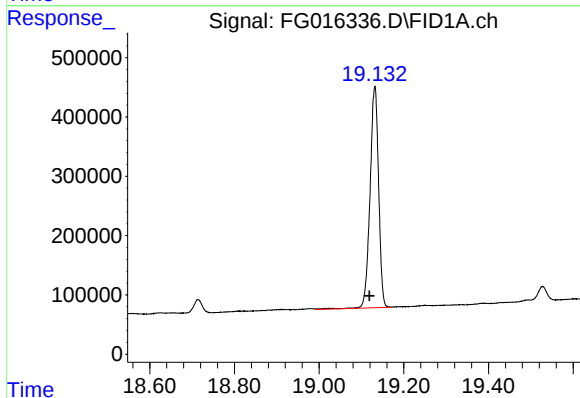
R.T.: 17.398 min
Delta R.T.: 0.012 min
Response: 5179697
Conc: 47.63 ug/ml



#13 N-TRIACONTANE

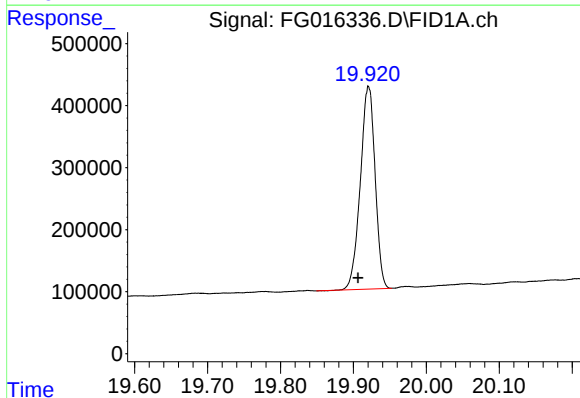
R.T.: 18.293 min
Delta R.T.: 0.012 min
Response: 5298093
Conc: 49.58 ug/ml

Instrument :
FID_G
ClientSampleId :



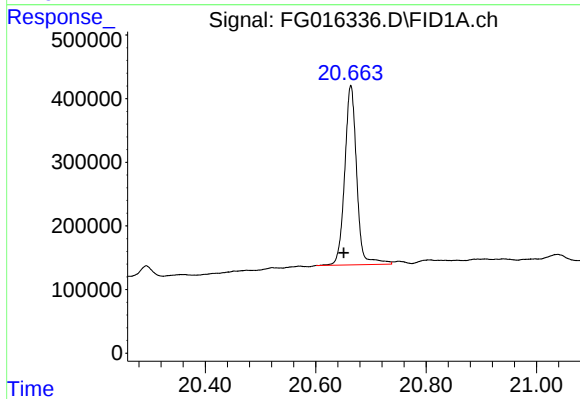
#14 N-DOTRIACONTANE

R.T.: 19.132 min
Delta R.T.: 0.013 min
Response: 5237612
Conc: 51.80 ug/ml



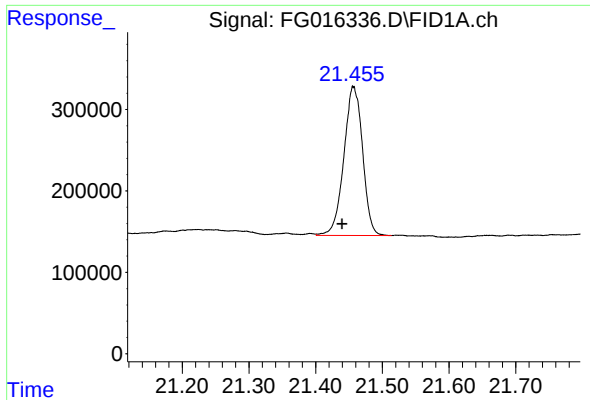
#15 N-TETRATRIACONTANE

R.T.: 19.921 min
Delta R.T.: 0.015 min
Response: 4605678
Conc: 50.62 ug/ml



#16 N-HEXATRIACONTANE

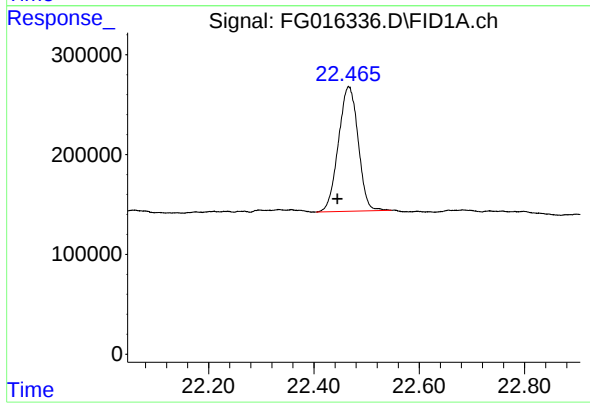
R.T.: 20.664 min
Delta R.T.: 0.013 min
Response: 4244515
Conc: 56.36 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.457 min
Delta R.T.: 0.017 min
Response: 3570810
Conc: 54.87 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.466 min
Delta R.T.: 0.021 min
Response: 3252130
Conc: 56.43 ug/ml