

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120224\
 Data File : FG014908.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 12:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 03 01:51:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.041	5621018	48.710 ug/ml
Target Compounds			
1) N-OCTANE	2.052	6716384	50.655 ug/ml
2) N-DECANE	4.566	6845619	51.301 ug/ml
3) N-DODECANE	6.739	6906455	50.194 ug/ml
4) N-TETRADECANE	8.570	6728487	50.471 ug/ml
5) N-HEXADECANE	10.181	6673092	49.581 ug/ml
6) N-OCTADECANE	11.628	6703837	48.831 ug/ml
7) N-EICOSANE	12.940	6512370	49.143 ug/ml
8) N-DOCOSANE	14.140	6221982	48.225 ug/ml
10) N-TETRACOSANE	15.245	6035855	47.662 ug/ml
11) N-HEXACOSANE	16.266	5817615	47.284 ug/ml
12) N-OCTACOSANE	17.218	5597879	46.271 ug/ml
13) N-TRIACONTANE	18.105	5397754	45.016 ug/ml
14) N-DOTRIACONTANE	18.937	4902948	42.151 ug/ml
15) N-TETRATRIACONTANE	19.721	3772849	37.406 ug/ml
16) N-HEXATRIACONTANE	20.460	2444856	30.148 ug/ml
17) N-OCTATRIACONTANE	21.208	1497064	21.676 ug/ml
18) N-TETRACONTANE	22.140	813021	13.179 ug/ml

(f)=RT Delta > 1/2 Window

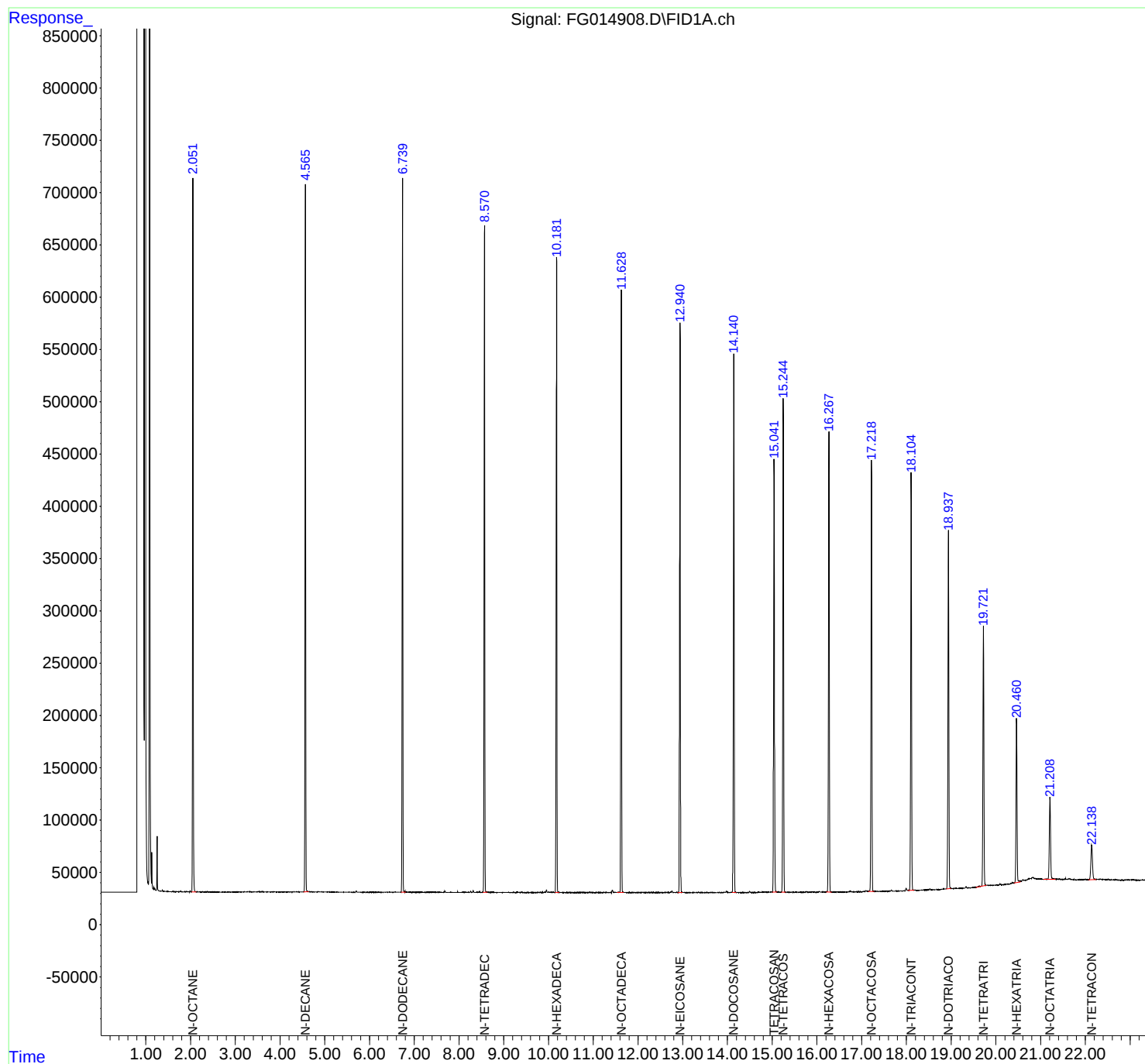
(m)=manual int.

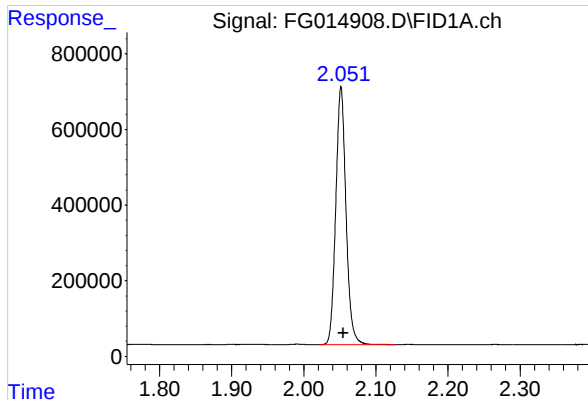
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

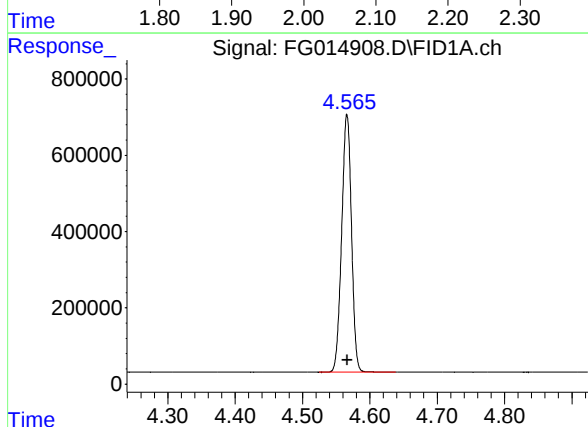




#1 N-OCTANE

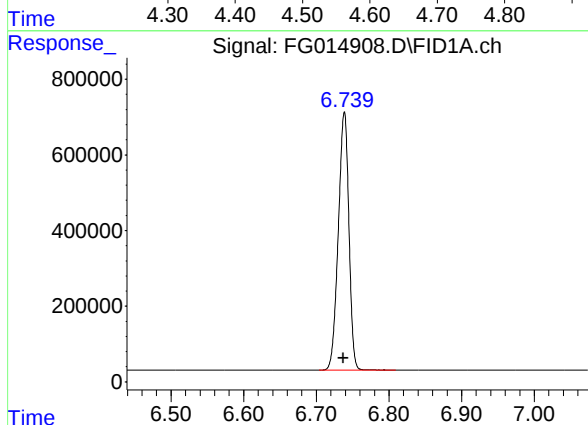
R.T.: 2.052 min
Delta R.T.: -0.003 min
Response: 6716384
Conc: 50.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



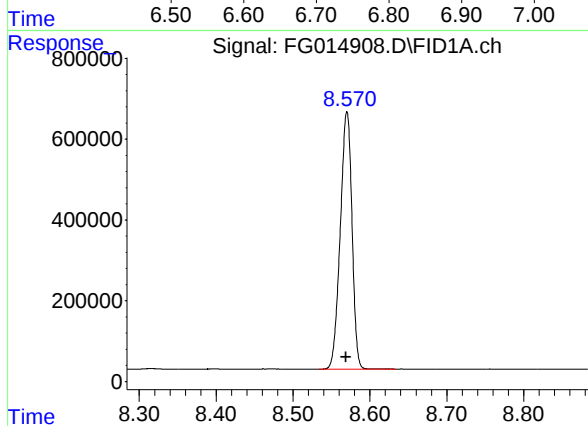
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 6845619
Conc: 51.30 ug/ml



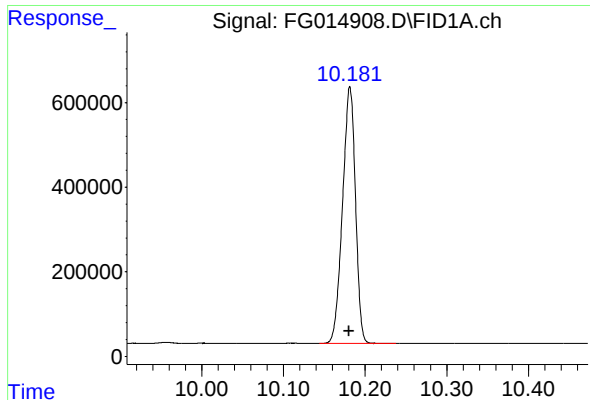
#3 N-DODECANE

R.T.: 6.739 min
Delta R.T.: 0.001 min
Response: 6906455
Conc: 50.19 ug/ml



#4 N-TETRADECANE

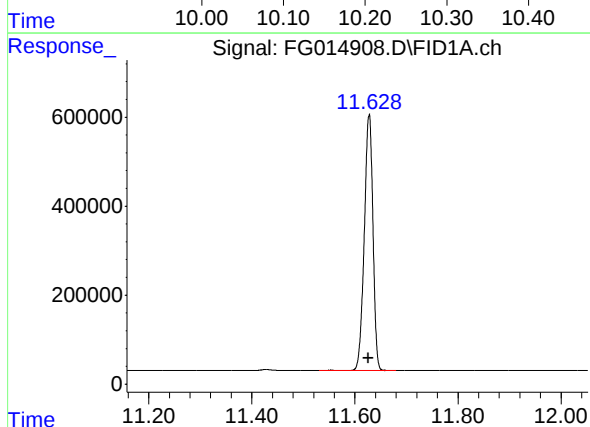
R.T.: 8.570 min
Delta R.T.: 0.001 min
Response: 6728487
Conc: 50.47 ug/ml



#5 N-HEXADECANE

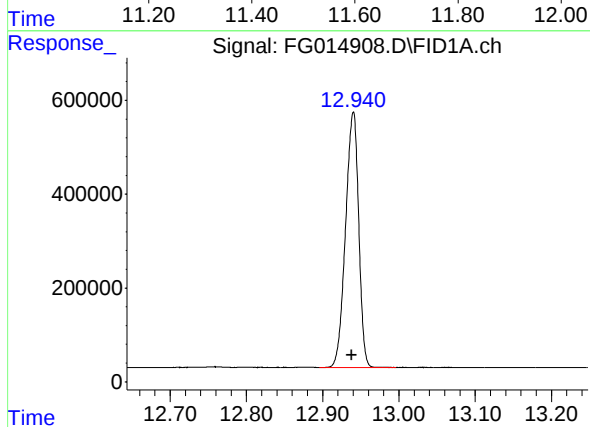
R.T.: 10.181 min
Delta R.T.: 0.001 min
Response: 6673092
Conc: 49.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



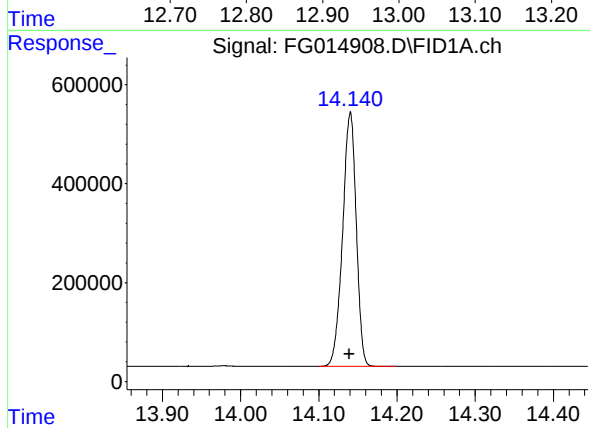
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: 0.002 min
Response: 6703837
Conc: 48.83 ug/ml



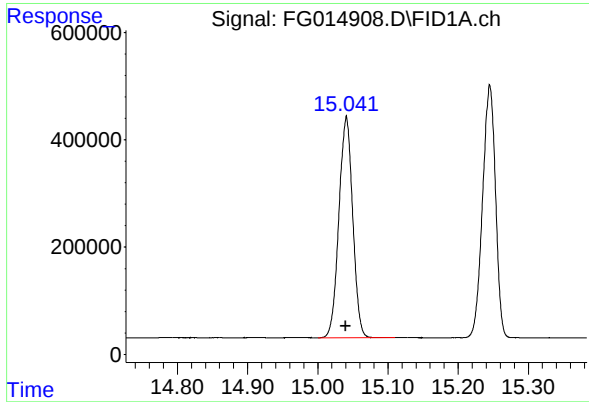
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: 0.002 min
Response: 6512370
Conc: 49.14 ug/ml



#8 N-DOCOSANE

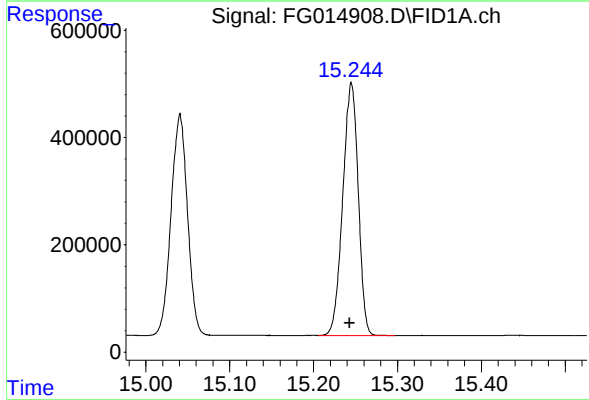
R.T.: 14.140 min
Delta R.T.: 0.001 min
Response: 6221982
Conc: 48.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

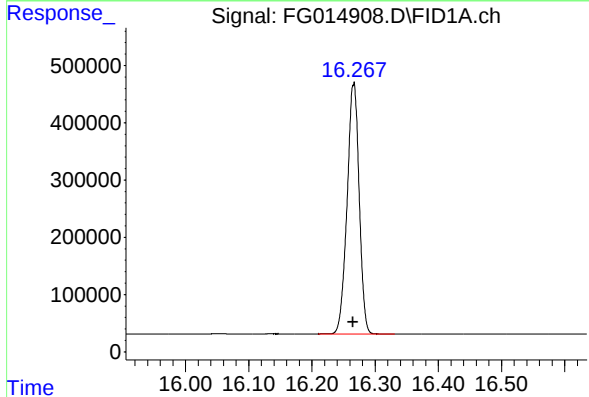
R.T.: 15.041 min
Delta R.T.: 0.001 min
Response: 5621018
Conc: 48.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



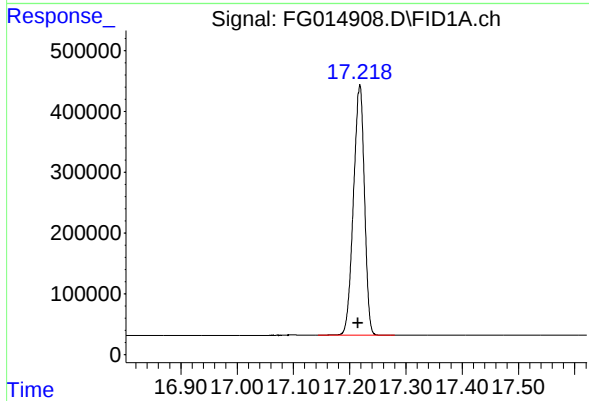
#10 N-TETRACOSANE

R.T.: 15.245 min
Delta R.T.: 0.002 min
Response: 6035855
Conc: 47.66 ug/ml



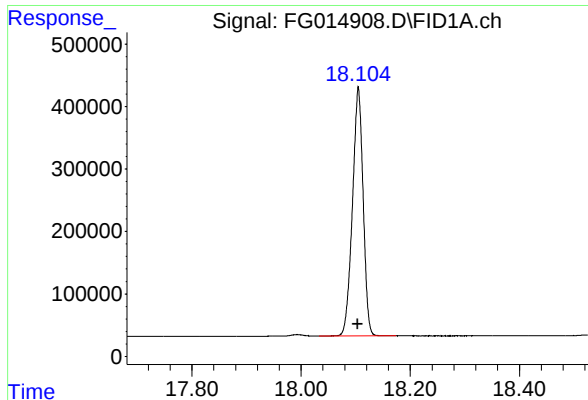
#11 N-HEXACOSANE

R.T.: 16.266 min
Delta R.T.: 0.001 min
Response: 5817615
Conc: 47.28 ug/ml



#12 N-OCTACOSANE

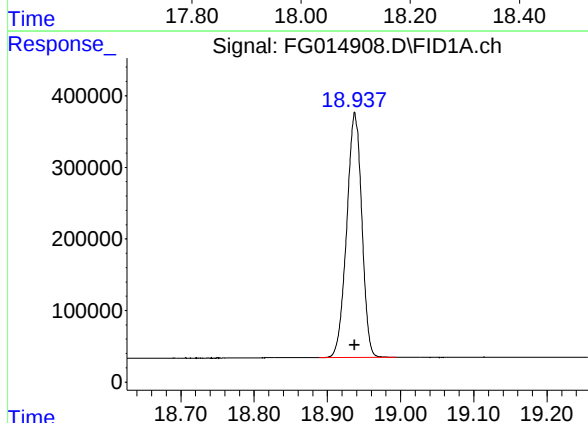
R.T.: 17.218 min
Delta R.T.: 0.003 min
Response: 5597879
Conc: 46.27 ug/ml



#13 N-TRIACONTANE

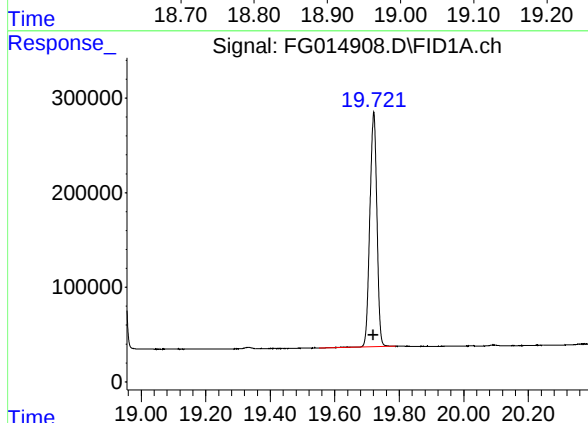
R.T.: 18.105 min
Delta R.T.: 0.001 min
Response: 5397754
Conc: 45.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



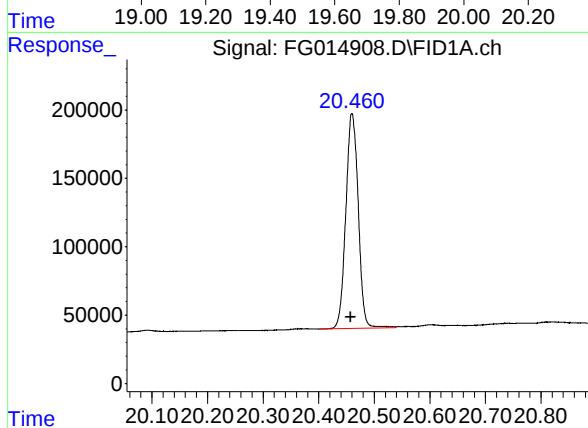
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 4902948
Conc: 42.15 ug/ml



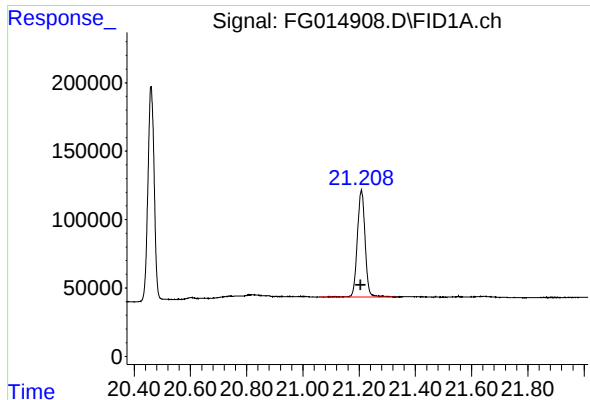
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 3772849
Conc: 37.41 ug/ml



#16 N-HEXATRIACONTANE

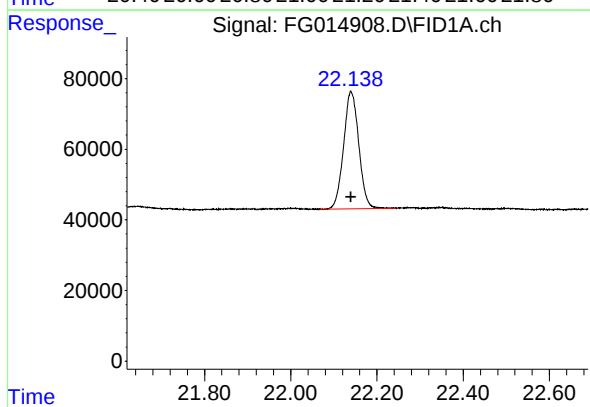
R.T.: 20.460 min
Delta R.T.: 0.002 min
Response: 2444856
Conc: 30.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: 0.002 min
Response: 1497064
Conc: 21.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.000 min
Response: 813021
Conc: 13.18 ug/ml