

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG043024\
 Data File : FG013721.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 19:34
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 05:00:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.077	5265773	45.280 ug/ml
Target Compounds			
1) N-OCTANE	2.058	5808230	47.429 ug/ml
2) N-DECANE	4.586	6016140	48.027 ug/ml
3) N-DODECANE	6.759	6093361	47.961 ug/ml
4) N-TETRADECANE	8.593	6114695	47.614 ug/ml
5) N-HEXADECANE	10.206	6129615	47.354 ug/ml
6) N-OCTADECANE	11.656	6212937	46.899 ug/ml
7) N-EICOSANE	12.971	6230679	46.246 ug/ml
8) N-DOCOSANE	14.174	5975363	45.583 ug/ml
10) N-TETRACOSANE	15.283	5896814	44.920 ug/ml
11) N-HEXACOSANE	16.307	5766348	44.130 ug/ml
12) N-OCTACOSANE	17.260	5612653	43.540 ug/mlm
13) N-TRIACONTANE	18.150	5610182	43.230 ug/ml
14) N-DOTRIACONTANE	18.985	5448870	42.529 ug/ml
15) N-TETRATRIACONTANE	19.772	5239267	43.766 ug/ml
16) N-HEXATRIACONTANE	20.514	4908604	44.762 ug/ml
17) N-OCTATRIACONTANE	21.271	4705141	46.500 ug/ml
18) N-TETRACONTANE	22.220	4740044	49.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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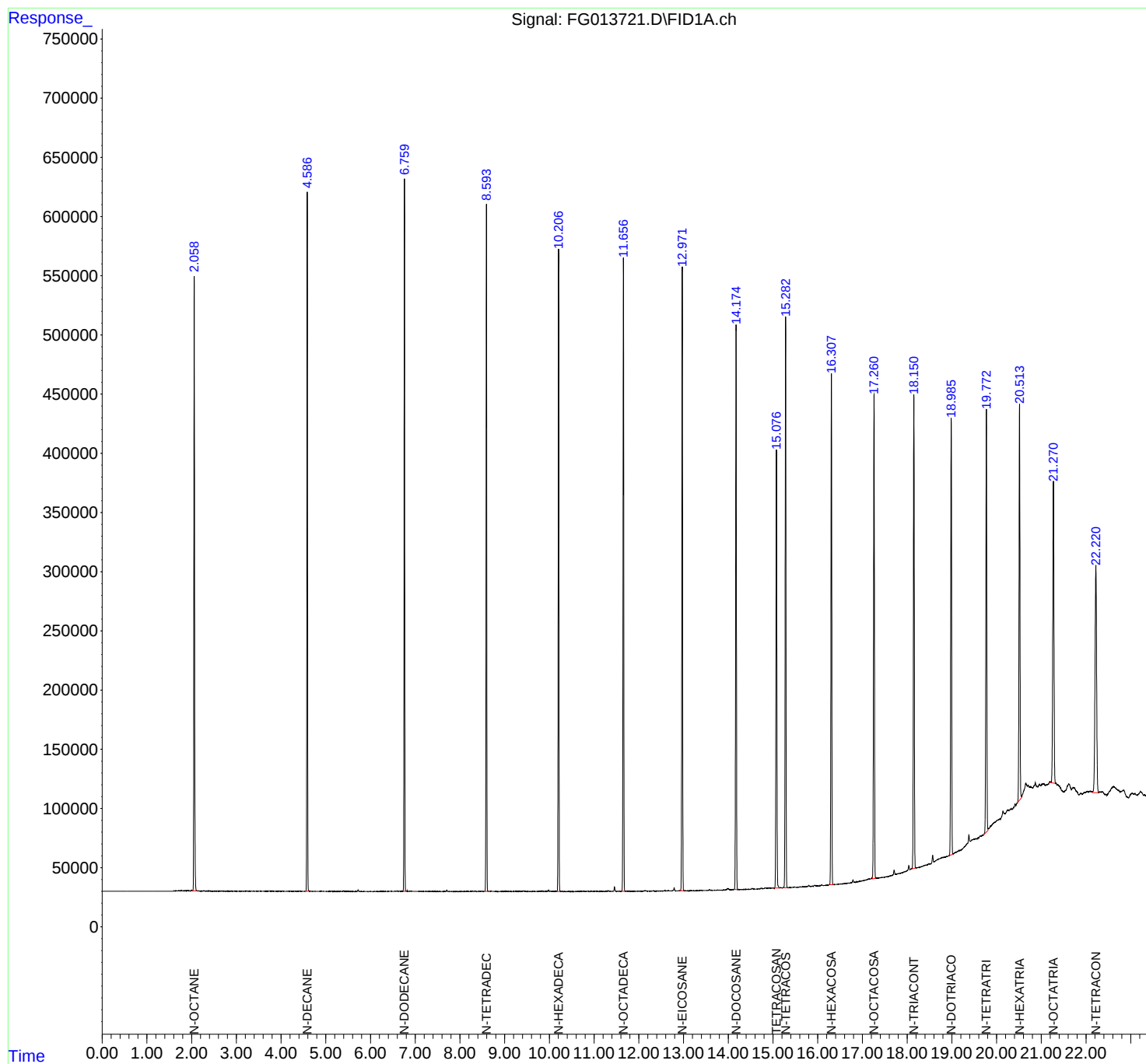
Instrument :
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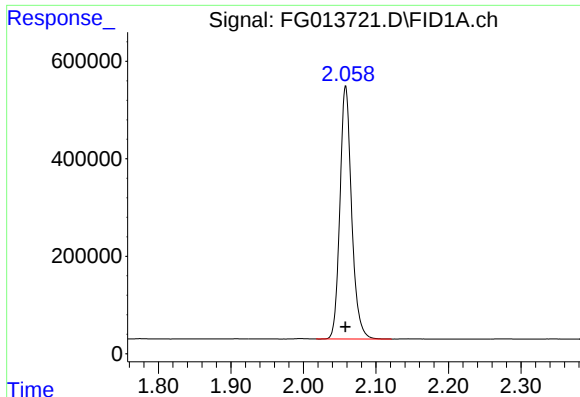
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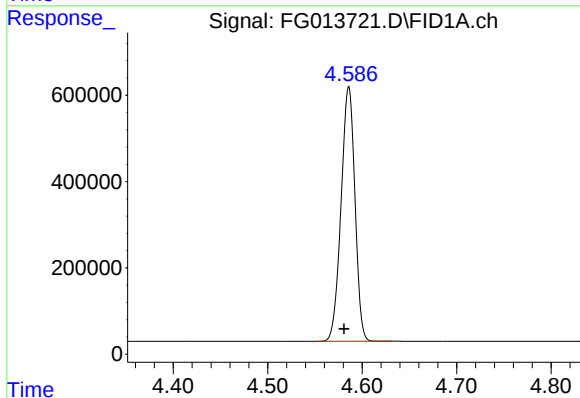
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 5808230
Conc: 47.43 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

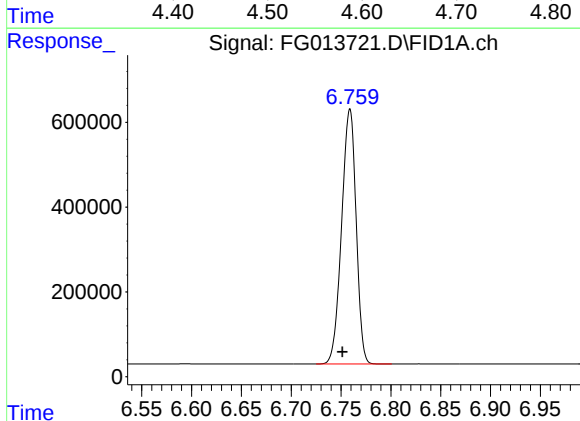
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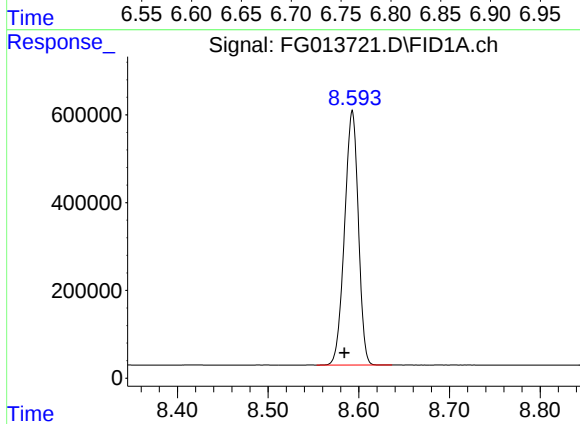
#2 N-DECANE

R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 6016140
Conc: 48.03 ug/ml



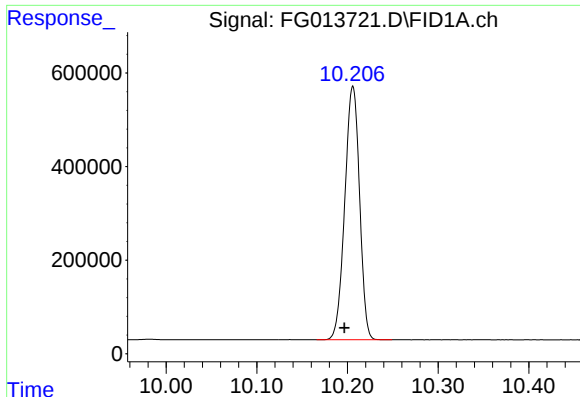
#3 N-DODECANE

R.T.: 6.759 min
Delta R.T.: 0.007 min
Response: 6093361
Conc: 47.96 ug/ml



#4 N-TETRADECANE

R.T.: 8.593 min
Delta R.T.: 0.009 min
Response: 6114695
Conc: 47.61 ug/ml



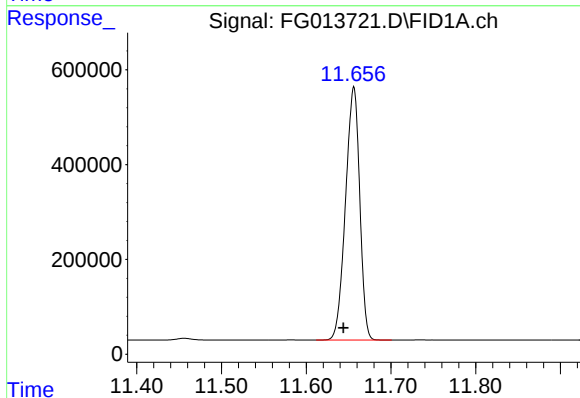
#5 N-HEXADECANE

R.T.: 10.206 min
Delta R.T.: 0.009 min
Response: 6129615
Conc: 47.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

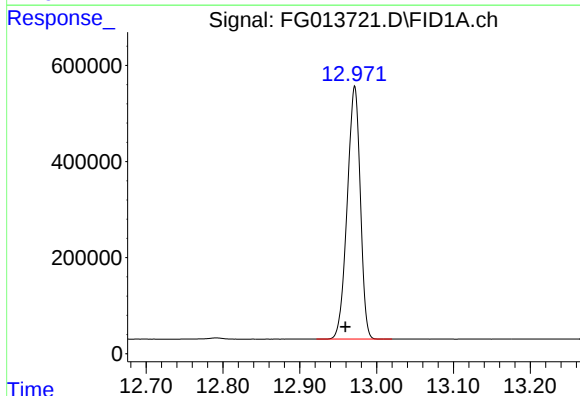
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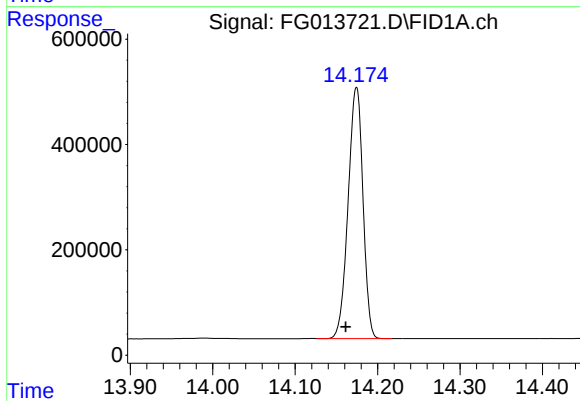
#6 N-OCTADECANE

R.T.: 11.656 min
Delta R.T.: 0.012 min
Response: 6212937
Conc: 46.90 ug/ml



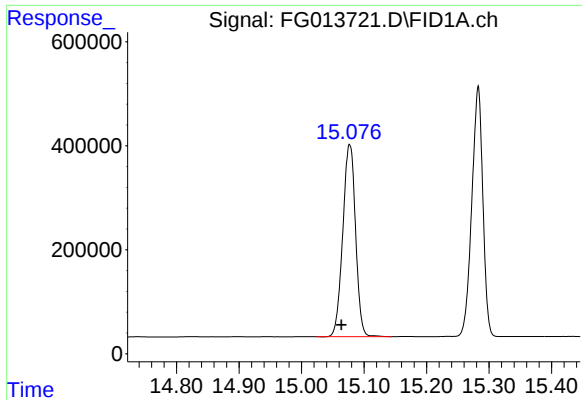
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: 0.012 min
Response: 6230679
Conc: 46.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.013 min
Response: 5975363
Conc: 45.58 ug/ml



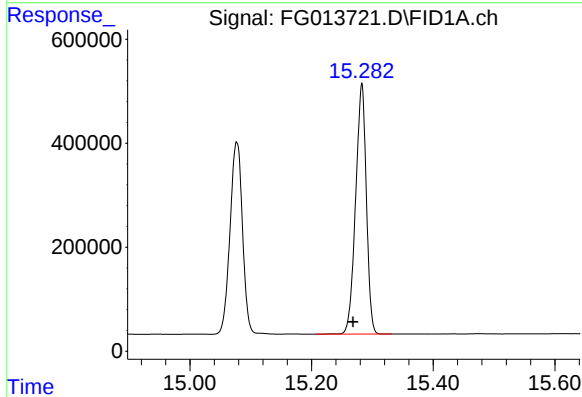
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: 0.013 min
Response: 5265773
Conc: 45.28 ug/ml

Instrument :
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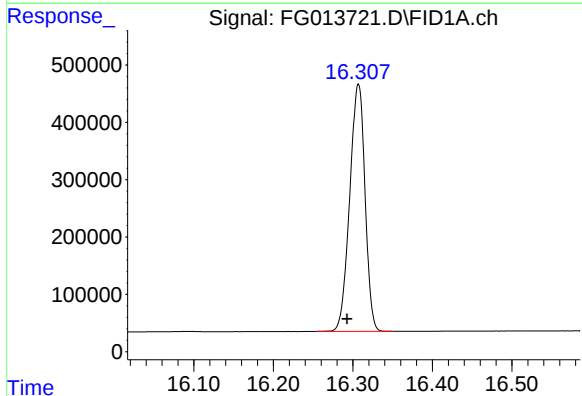
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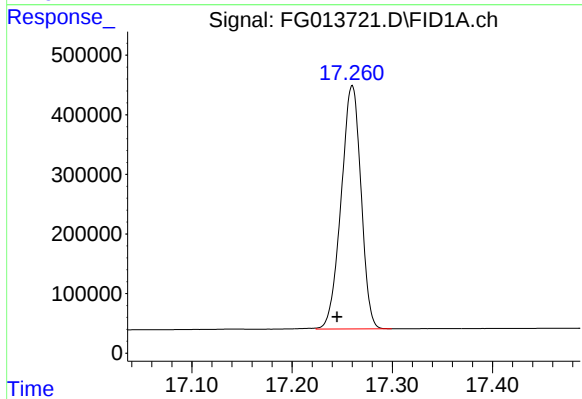
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: 0.014 min
Response: 5896814
Conc: 44.92 ug/ml



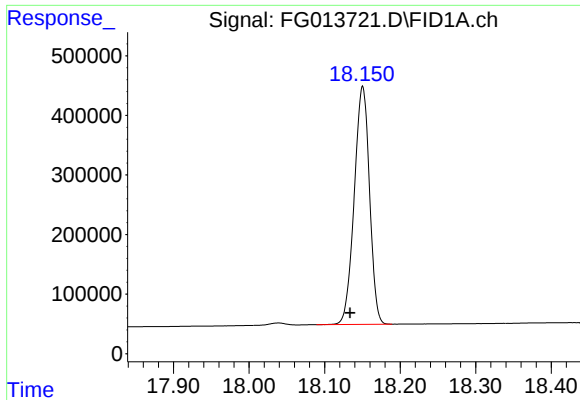
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: 0.015 min
Response: 5766348
Conc: 44.13 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.015 min
Response: 5612653
Conc: 43.54 ug/ml m



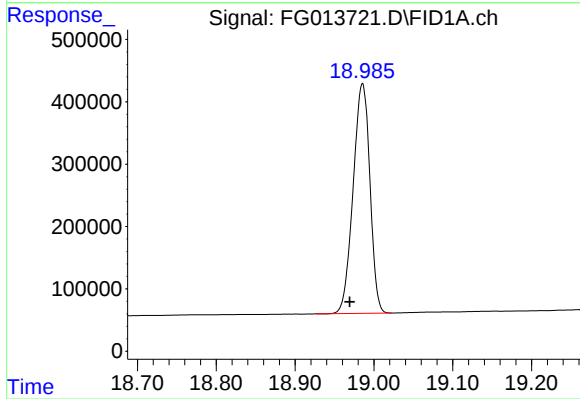
#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.017 min
Response: 5610182
Conc: 43.23 ug/ml

Instrument :
FID_G
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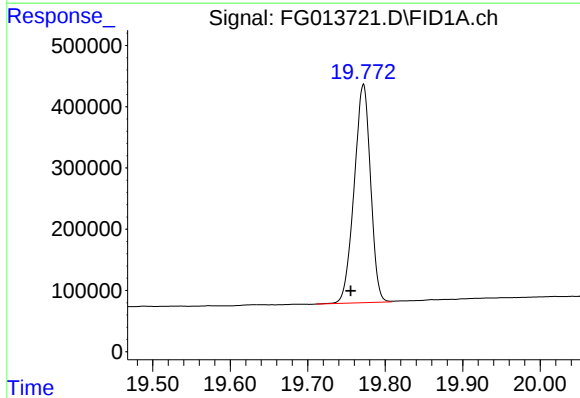
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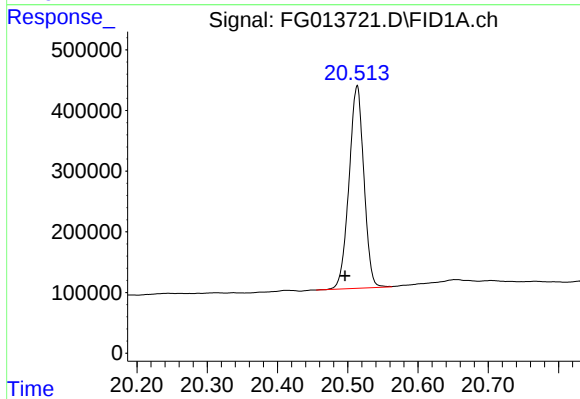
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.016 min
Response: 5448870
Conc: 42.53 ug/ml



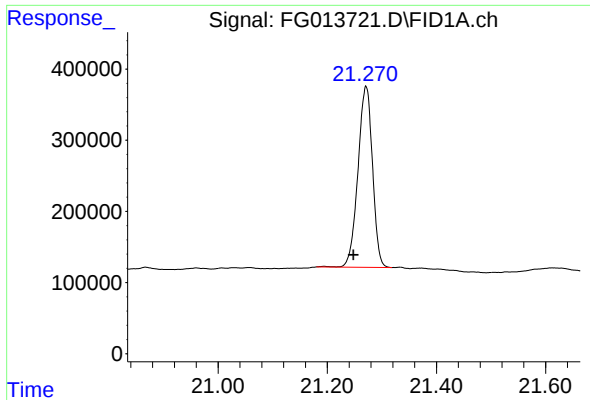
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.016 min
Response: 5239267
Conc: 43.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.514 min
Delta R.T.: 0.017 min
Response: 4908604
Conc: 44.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: 0.023 min
Response: 4705141
Conc: 46.50 ug/ml

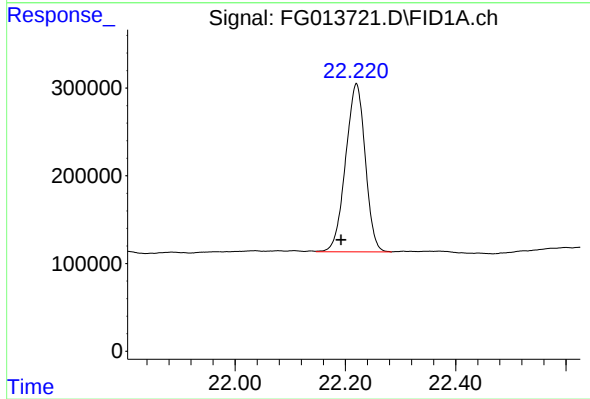
Instrument :

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#18 N-TETRACONTANE

R.T.: 22.220 min
Delta R.T.: 0.028 min
Response: 4740044
Conc: 49.13 ug/ml