

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
 Data File : FG016830.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 16:58
 Operator : YP\AJ
 Sample : PB170250BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB170250BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: Sample.e
 Quant Time: Oct 24 23:31:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.149	1994659	16.255 ug/ml
Target Compounds			
1) N-OCTANE	2.090	1785875	13.851 ug/ml
2) N-DECANE	4.625	2043536	15.711 ug/ml
3) N-DODECANE	6.807	2173291	16.527 ug/ml
4) N-TETRADECANE	8.647	2112240	16.001 ug/ml
5) N-HEXADECANE	10.265	2094663	15.694 ug/ml
6) N-OCTADECANE	11.718	2204128	15.742 ug/ml
7) N-EICOSANE	13.037	2279655	16.064 ug/ml
8) N-DOCOSANE	14.243	2199504	15.871 ug/ml
10) N-TETRACOSANE	15.355	2175470	15.728 ug/ml
11) N-HEXACOSANE	16.383	2078180	15.197 ug/ml
12) N-OCTACOSANE	17.339	2077090	15.345 ug/ml
13) N-TRIACONTANE	18.232	2050352	15.205 ug/ml
14) N-DOTRIACONTANE	19.070	1908084	15.088 ug/ml
15) N-TETRATRIACONTANE	19.858	1600604	15.095 ug/mlm
16) N-HEXATRIACONTANE	20.603	1275830	15.284 ug/mlm
17) N-OCTATRIACONTANE	21.376	1102802	15.905 ug/mlm
18) N-TETRACONTANE	22.364	1024632	17.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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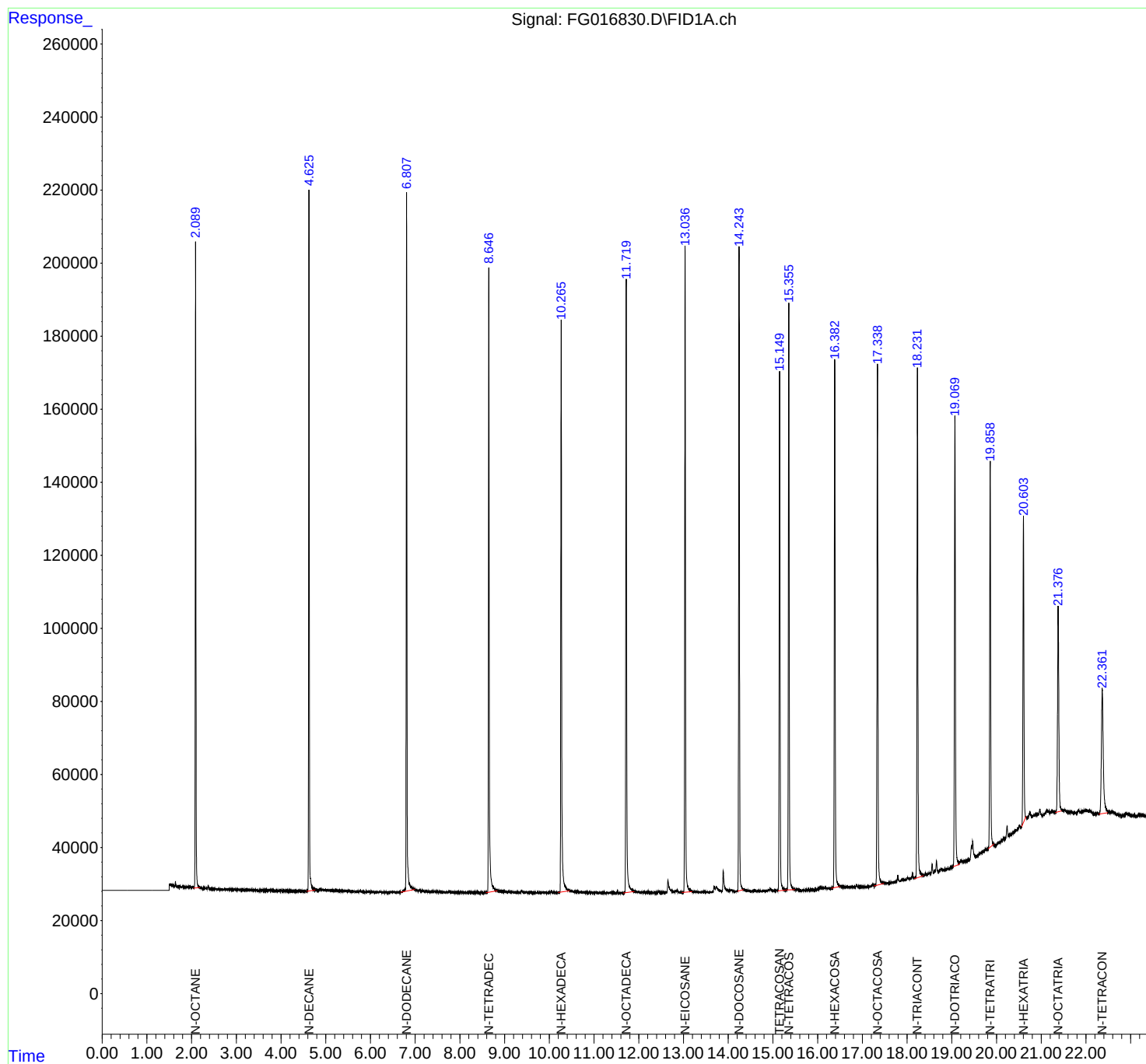
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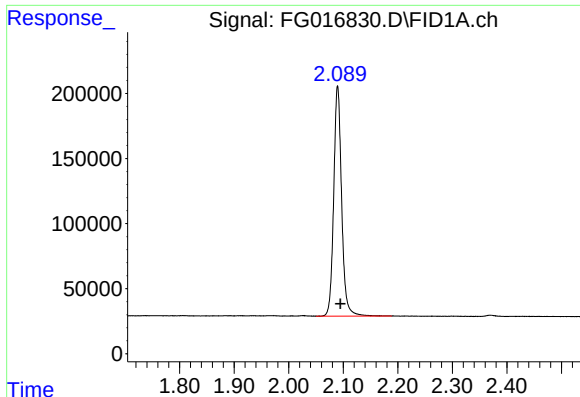
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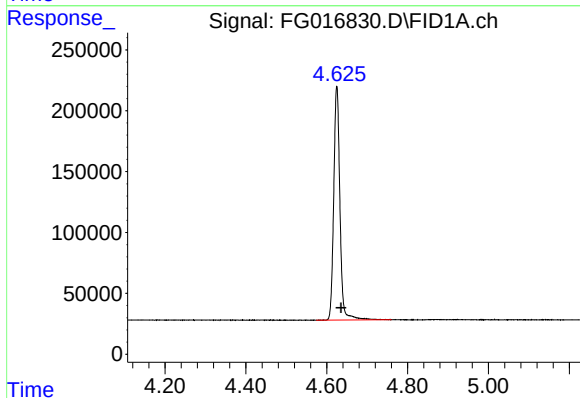
#1 N-OCTANE

R.T.: 2.090 min
Delta R.T.: -0.005 min
Response: 1785875
Conc: 13.85 ug/ml

Instrument :
FID_G
ClientSampleId :
PB170250BS

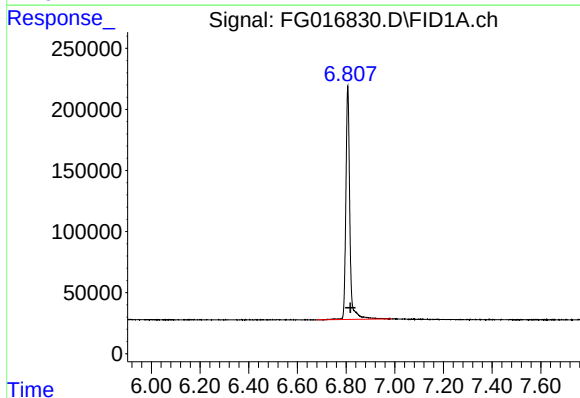
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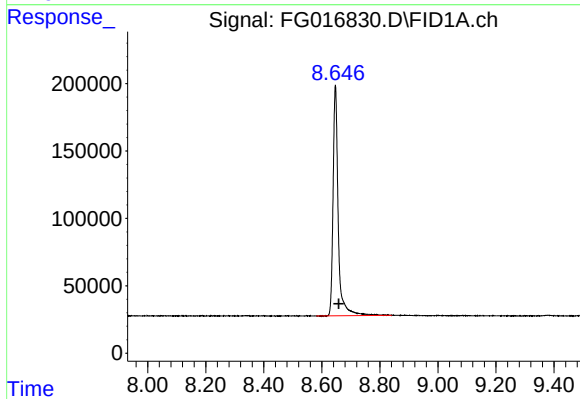
#2 N-DECANE

R.T.: 4.625 min
Delta R.T.: -0.010 min
Response: 2043536
Conc: 15.71 ug/ml



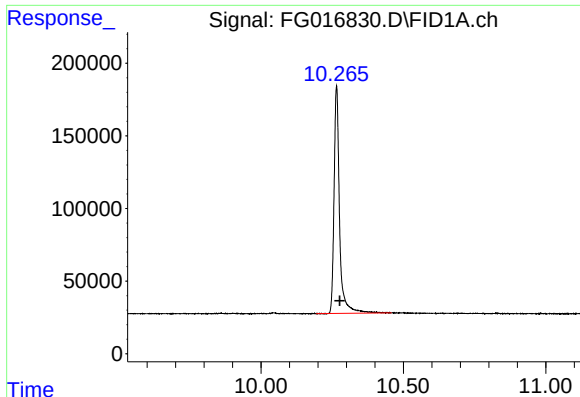
#3 N-DODECANE

R.T.: 6.807 min
Delta R.T.: -0.011 min
Response: 2173291
Conc: 16.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.647 min
Delta R.T.: -0.011 min
Response: 2112240
Conc: 16.00 ug/ml



#5 N-HEXADECANE

R.T.: 10.265 min
Delta R.T.: -0.011 min
Response: 2094663
Conc: 15.69 ug/ml

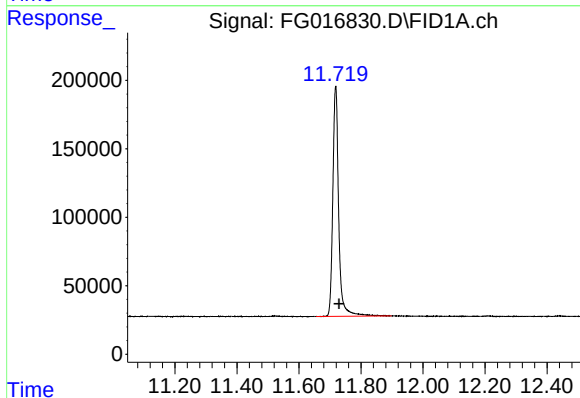
Instrument :

FID_G

ClientSampleId :
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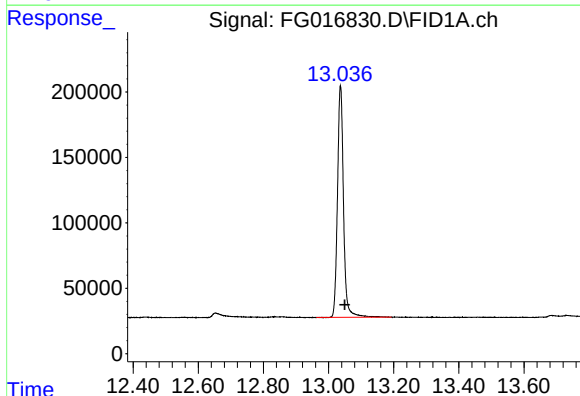
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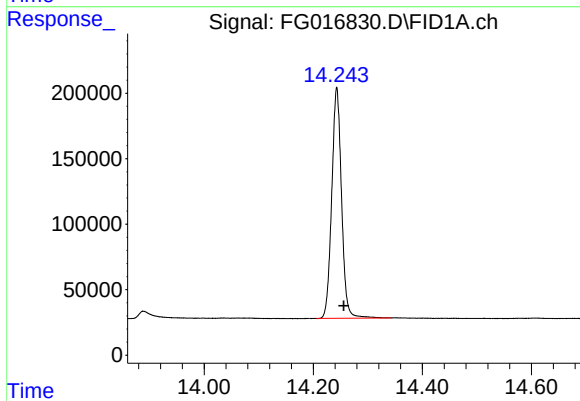
#6 N-OCTADECANE

R.T.: 11.718 min
Delta R.T.: -0.011 min
Response: 2204128
Conc: 15.74 ug/ml



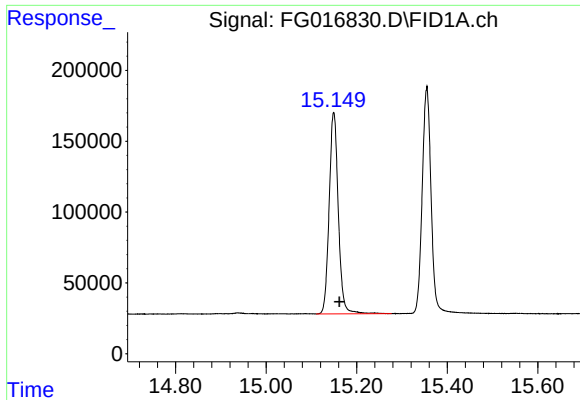
#7 N-EICOSANE

R.T.: 13.037 min
Delta R.T.: -0.013 min
Response: 2279655
Conc: 16.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.243 min
Delta R.T.: -0.013 min
Response: 2199504
Conc: 15.87 ug/ml



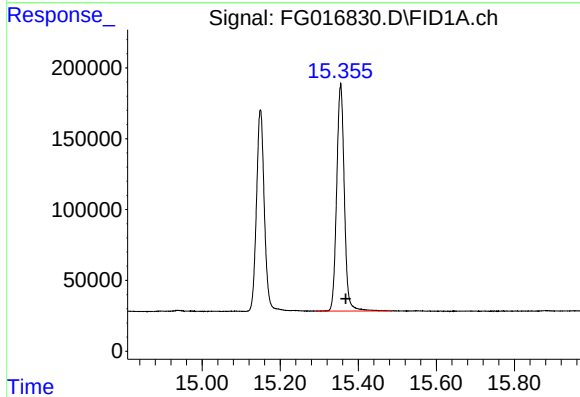
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.149 min
Delta R.T.: -0.012 min
Response: 1994659
Conc: 16.26 ug/ml

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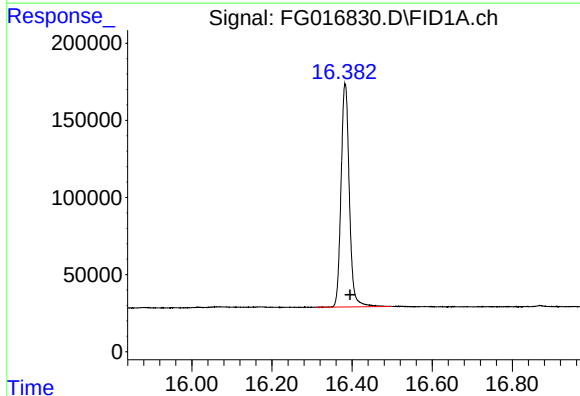
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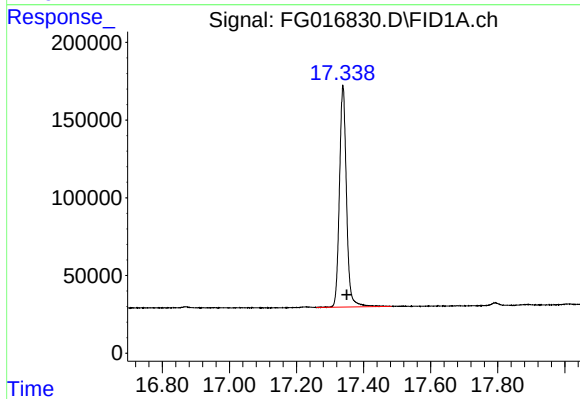
#10 N-TETRACOSANE

R.T.: 15.355 min
Delta R.T.: -0.013 min
Response: 2175470
Conc: 15.73 ug/ml



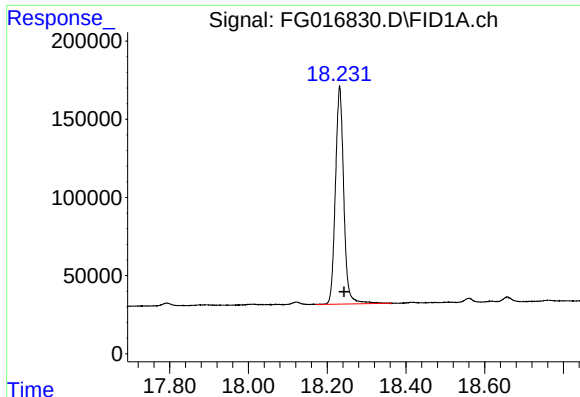
#11 N-HEXACOSANE

R.T.: 16.383 min
Delta R.T.: -0.012 min
Response: 2078180
Conc: 15.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.339 min
Delta R.T.: -0.012 min
Response: 2077090
Conc: 15.35 ug/ml



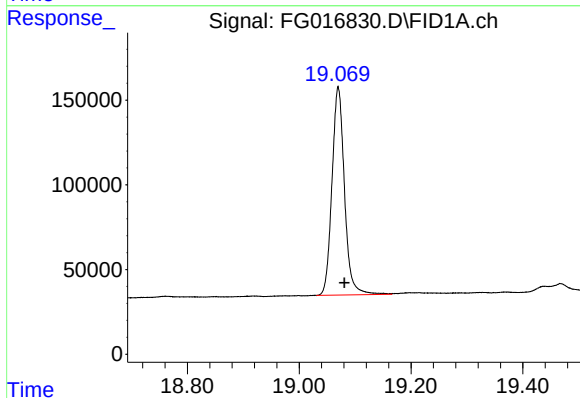
#13 N-TRIACONTANE

R.T.: 18.232 min
Delta R.T.: -0.011 min
Response: 2050352
Conc: 15.21 ug/ml

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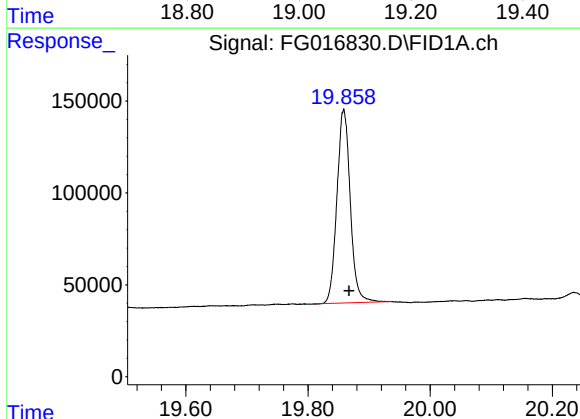
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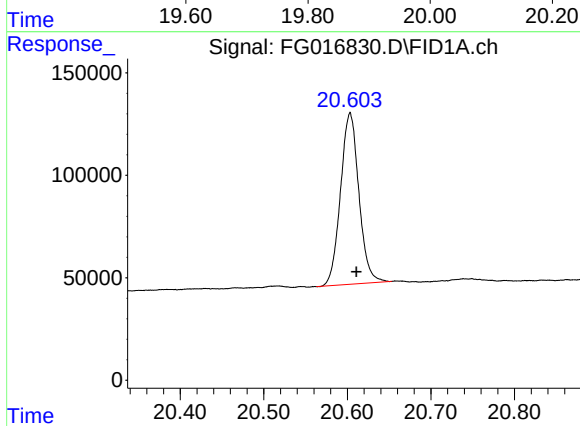
#14 N-DOTRIACONTANE

R.T.: 19.070 min
Delta R.T.: -0.011 min
Response: 1908084
Conc: 15.09 ug/ml



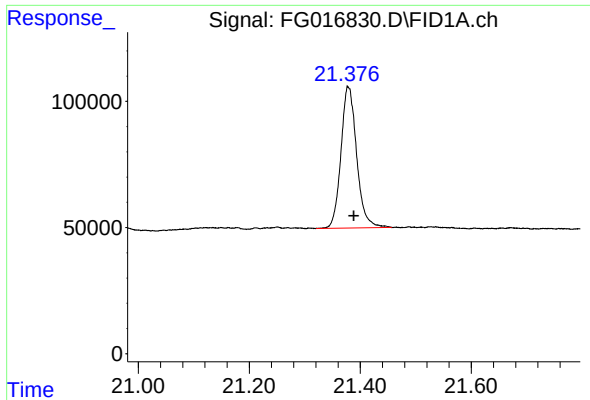
#15 N-TETRATRIACONTANE

R.T.: 19.858 min
Delta R.T.: -0.009 min
Response: 1600604
Conc: 15.09 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.603 min
Delta R.T.: -0.008 min
Response: 1275830
Conc: 15.28 ug/ml m



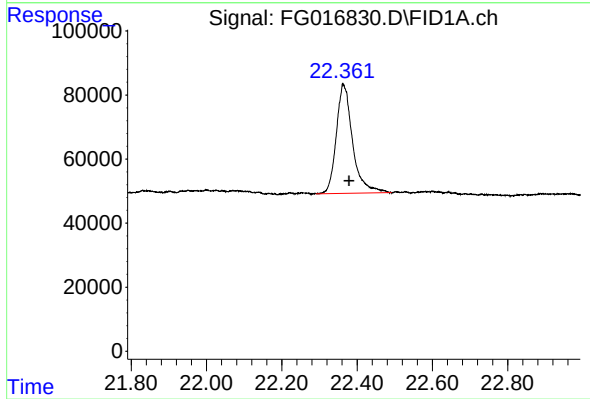
#17 N-OCTATRIACONTANE

R.T.: 21.376 min
Delta R.T.: -0.012 min
Response: 1102802
Conc: 15.91 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.364 min
Delta R.T.: -0.015 min
Response: 1024632
Conc: 17.16 ug/ml