

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012230.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 04:57
 Operator : YP\AJ
 Sample : 03308-22MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TPH-16MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 06:03:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 2023
 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...	14.999	1475129	11.064 ug/ml
Target Compounds			
1) N-OCTANE	2.028	1726363	12.413 ug/ml
2) N-DECANE	4.535	2481236	16.840 ug/ml
3) N-DODECANE	6.704	2700635	17.992 ug/ml
4) N-TETRADECANE	8.533	2626767	17.532 ug/ml
5) N-HEXADECANE	10.142	2785892	17.805 ug/ml
6) N-OCTADECANE	11.587	2931983	18.436 ug/ml
7) N-EICOSANE	12.899	2822556	17.787 ug/ml
8) N-DOCOSANE	14.098	2800034	18.326 ug/ml
10) N-TETRACOSANE	15.203	3865401	25.877 ug/ml
11) N-HEXACOSANE	16.226	2691658	19.007 ug/ml
12) N-OCTACOSANE	17.178	2807512	20.739 ug/mlm
13) N-TRIACONTANE	18.067	2676329	20.199 ug/ml
14) N-DOTRIACONTANE	18.902	3268636	25.607 ug/ml
15) N-TETRATRIACONTANE	19.688	3500512	28.759 ug/ml
16) N-HEXATRIACONTANE	20.430	3892243	31.759 ug/mlm
17) N-OCTATRIACONTANE	21.168	4096000	32.104 ug/ml
18) N-TETRACONTANE	22.083	4070376	30.739 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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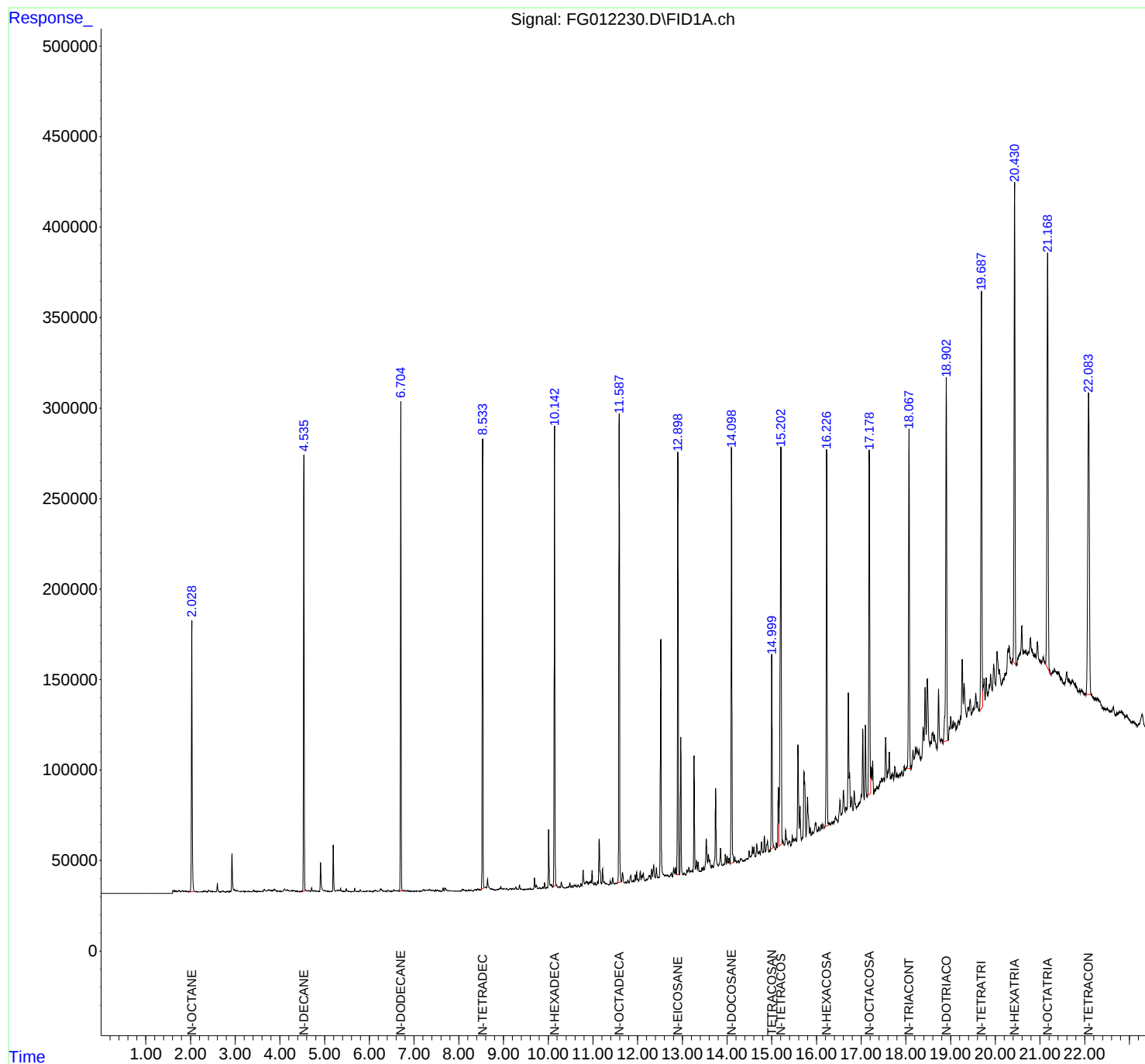
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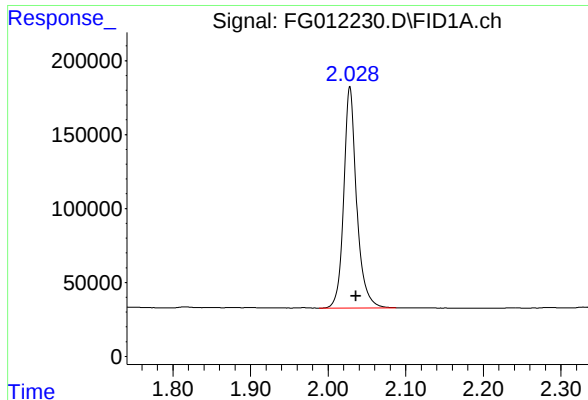
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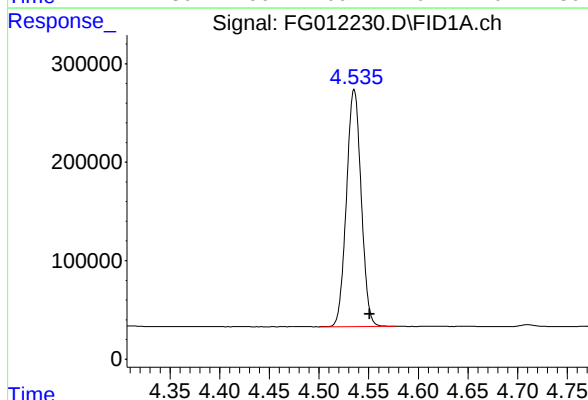
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.008 min
Response: 1726363
Conc: 12.41 ug/ml

Instrument :
FID_G
ClientSampleId :
TPH-16MS

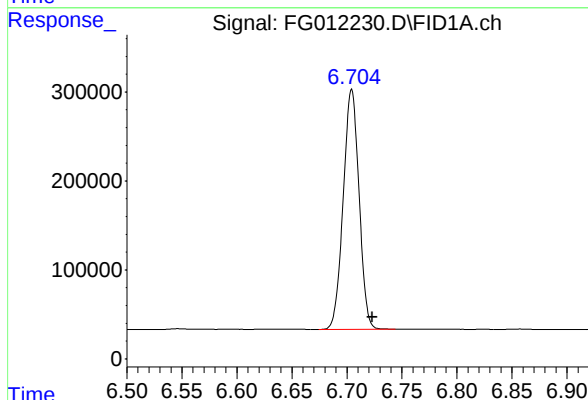
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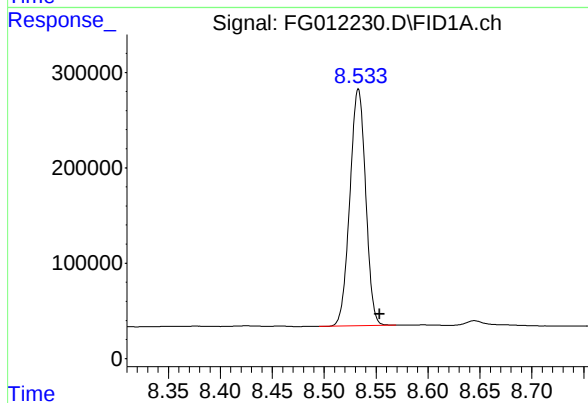
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.016 min
Response: 2481236
Conc: 16.84 ug/ml



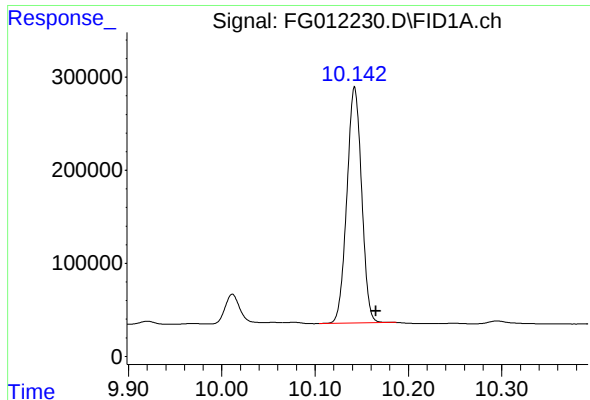
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.019 min
Response: 2700635
Conc: 17.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.020 min
Response: 2626767
Conc: 17.53 ug/ml



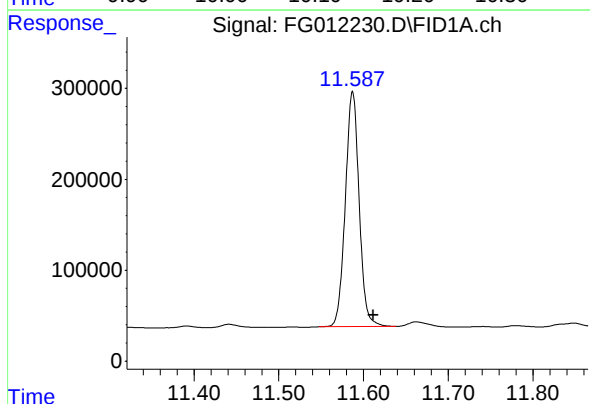
#5 N-HEXADECANE

R.T.: 10.142 min
Delta R.T.: -0.023 min
Response: 2785892
Conc: 17.81 ug/ml

Instrument :
FID_G
ClientSampleId :
TPH-16MS

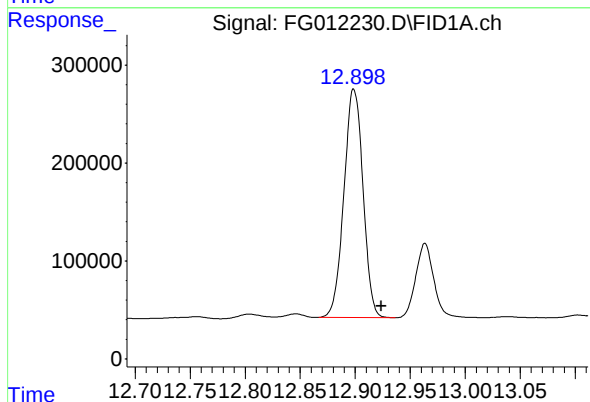
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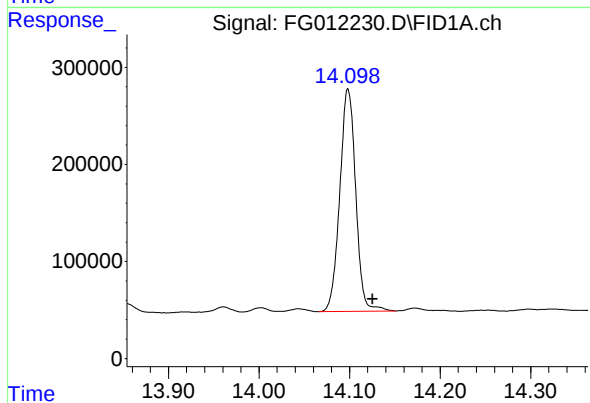
#6 N-OCTADECANE

R.T.: 11.587 min
Delta R.T.: -0.024 min
Response: 2931983
Conc: 18.44 ug/ml



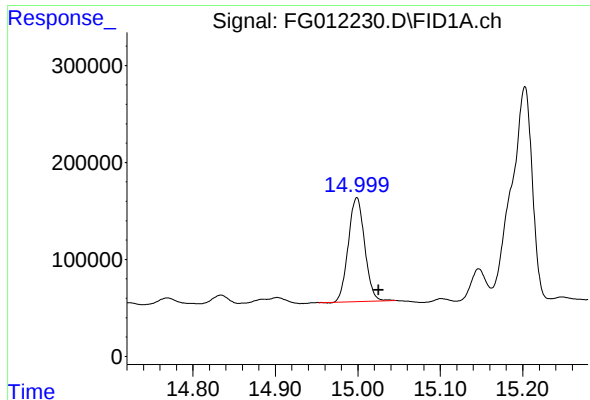
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 2822556
Conc: 17.79 ug/ml



#8 N-DOCOSANE

R.T.: 14.098 min
Delta R.T.: -0.027 min
Response: 2800034
Conc: 18.33 ug/ml



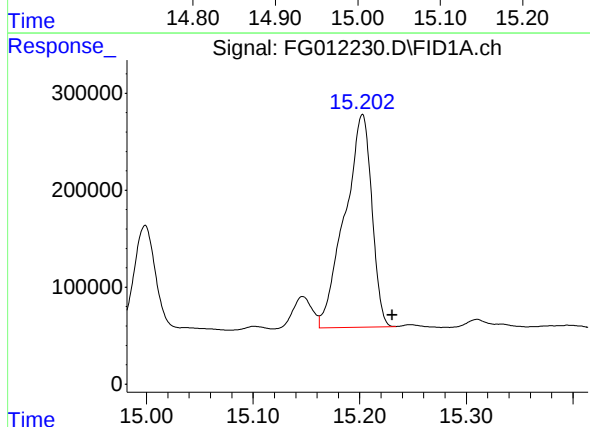
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.999 min
Delta R.T.: -0.026 min
Response: 1475129
Conc: 11.06 ug/ml

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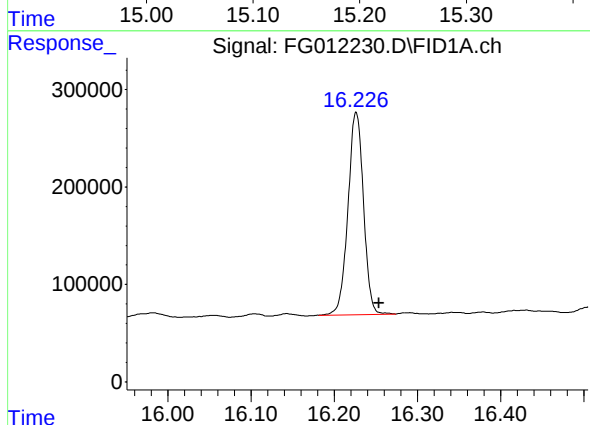
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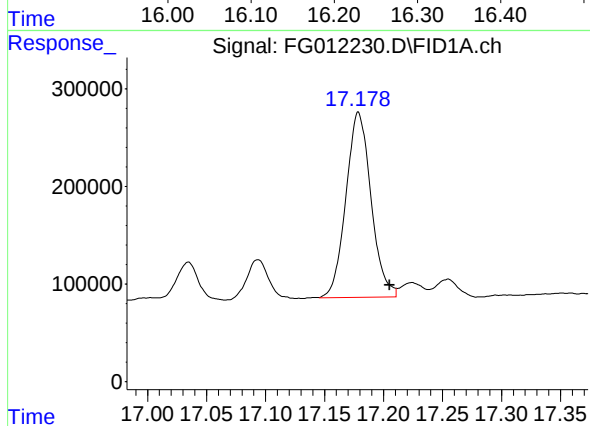
#10 N-TETRACOSANE

R.T.: 15.203 min
Delta R.T.: -0.028 min
Response: 3865401
Conc: 25.88 ug/ml



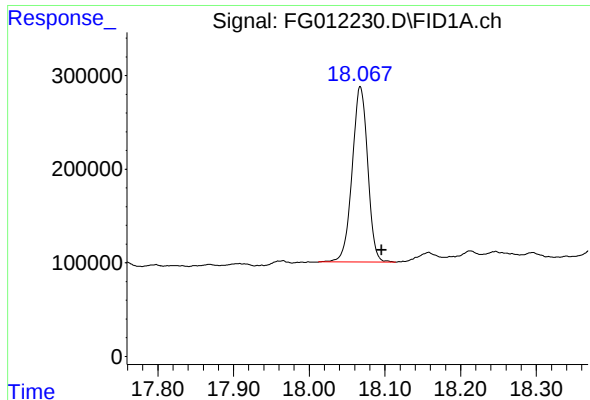
#11 N-HEXACOSANE

R.T.: 16.226 min
Delta R.T.: -0.027 min
Response: 2691658
Conc: 19.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.178 min
Delta R.T.: -0.027 min
Response: 2807512
Conc: 20.74 ug/ml m



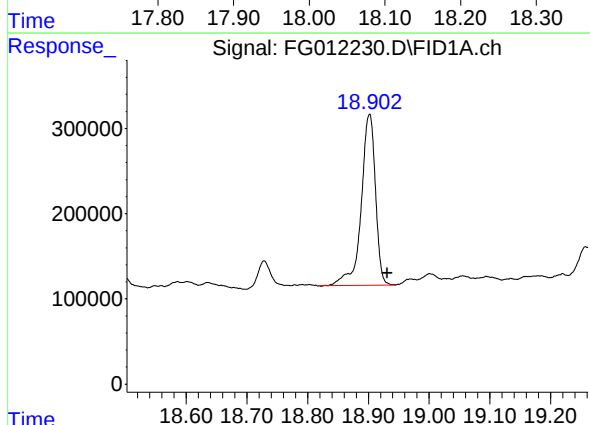
#13 N-TRIACONTANE

R.T.: 18.067 min
Delta R.T.: -0.028 min
Response: 2676329
Conc: 20.20 ug/ml

Instrument :
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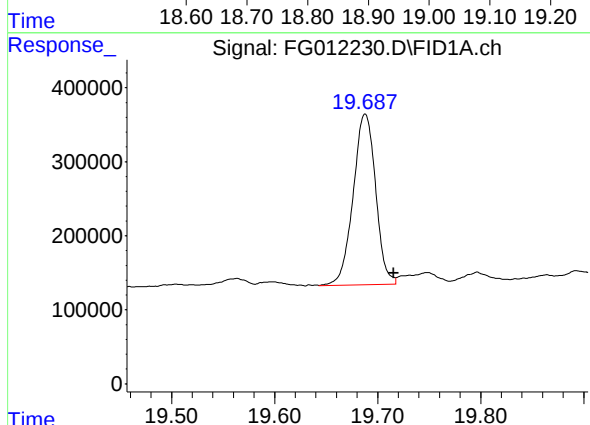
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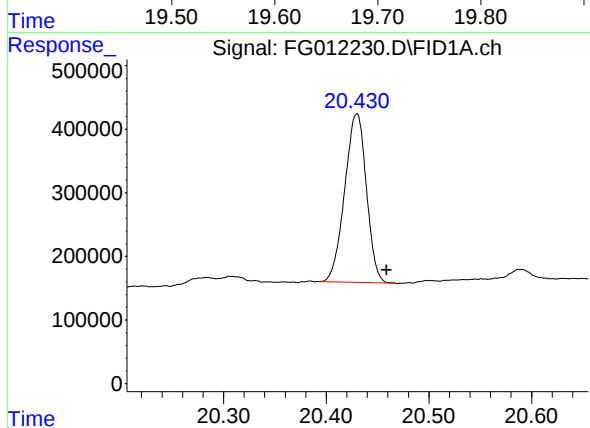
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: -0.029 min
Response: 3268636
Conc: 25.61 ug/ml



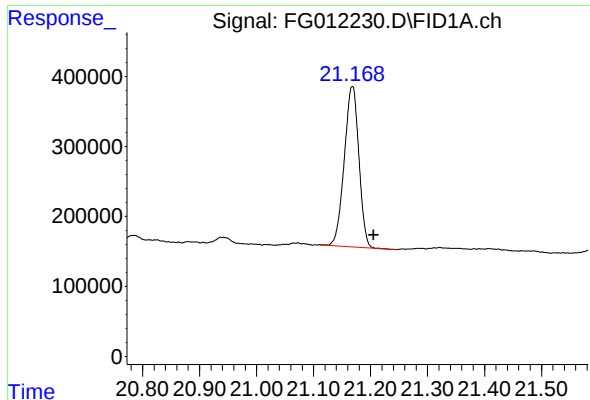
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: -0.028 min
Response: 3500512
Conc: 28.76 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: -0.029 min
Response: 3892243
Conc: 31.76 ug/ml m



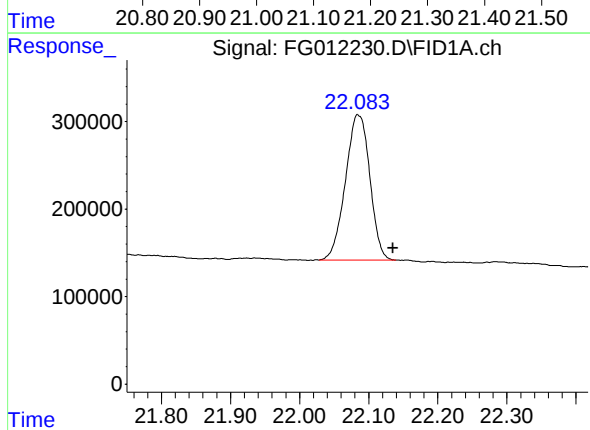
#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: -0.037 min
Response: 4096000
Conc: 32.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.083 min
Delta R.T.: -0.052 min
Response: 4070376
Conc: 30.74 ug/ml m