

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110223\
 Data File : FG013134.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 17:00
 Operator : YP\AJ
 Sample : 05172-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-103123MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Integration File: autoint1.e
 Quant Time: Nov 02 23:09:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG101623.M
 Quant Title :
 QLast Update : Mon Oct 16 12:31:23 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...	15.080	1283892	12.256 ug/mlm
Target Compounds			
1) N-OCTANE	2.072	1687608	14.840 ug/ml
2) N-DECANE	4.592	2087306	18.155 ug/ml
3) N-DODECANE	6.766	2201557	19.060 ug/ml
4) N-TETRADECANE	8.601	2363797	20.731 ug/ml
5) N-HEXADECANE	10.214	2731166	23.521 ug/ml
6) N-OCTADECANE	11.662	2918491	25.134 ug/ml
7) N-EICOSANE	12.976	2758036	23.960 ug/ml
8) N-DOCOSANE	14.178	2522850	22.800 ug/ml
10) N-TETRACOSANE	15.285	2494865	22.707 ug/ml
11) N-HEXACOSANE	16.309	2511576	23.338 ug/ml
12) N-OCTACOSANE	17.261	2460233	23.074 ug/ml
13) N-TRIACONTANE	18.152	2404320	22.449 ug/ml
14) N-DOTRIACONTANE	18.986	2378580	22.724 ug/ml
15) N-TETRATRIACONTANE	19.772	1972065	21.666 ug/ml
16) N-HEXATRIACONTANE	20.513	1757742	23.898 ug/ml
17) N-OCTATRIACONTANE	21.273	1844793	26.065 ug/ml
18) N-TETRACONTANE	22.227	1833501	25.294 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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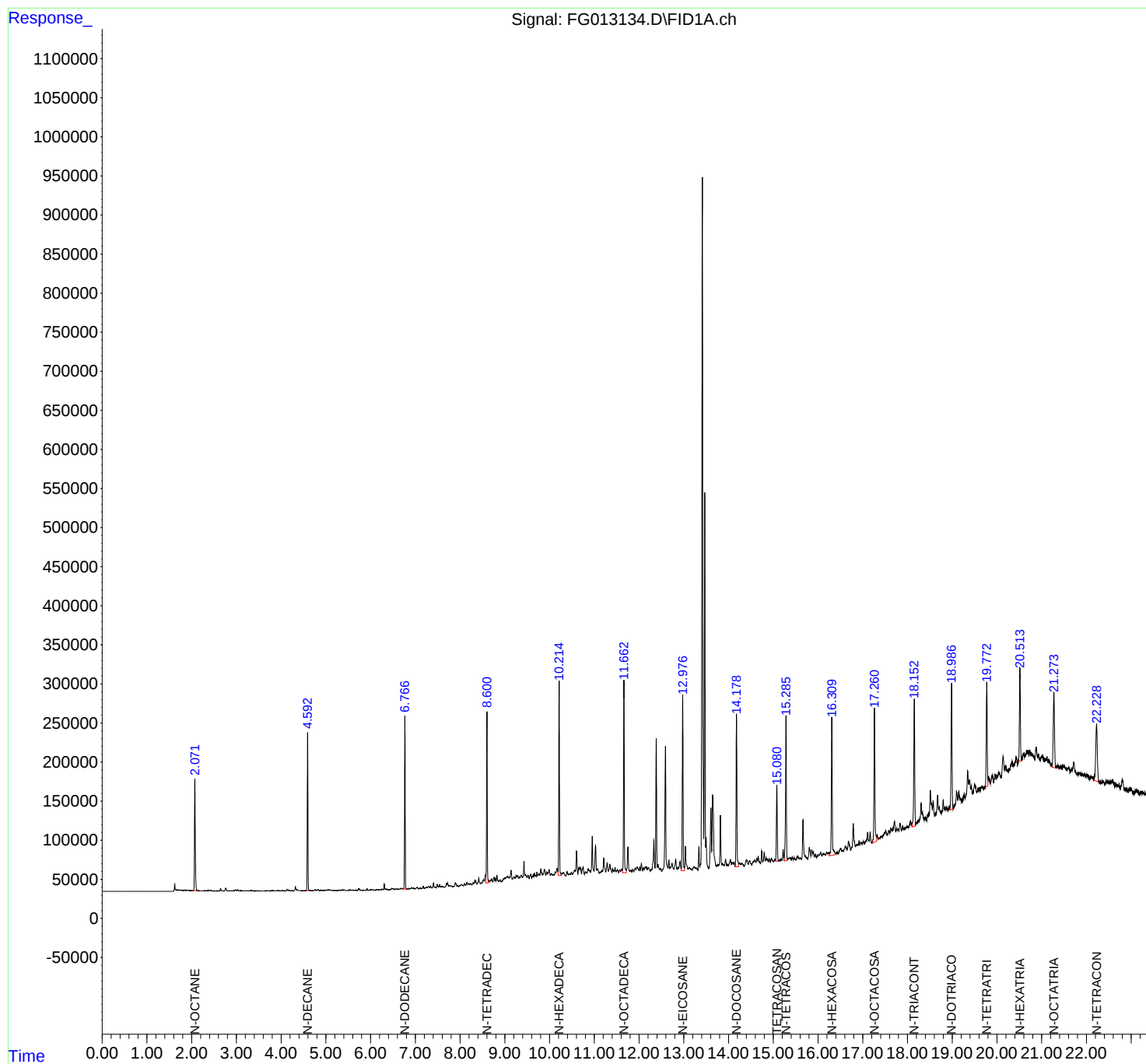
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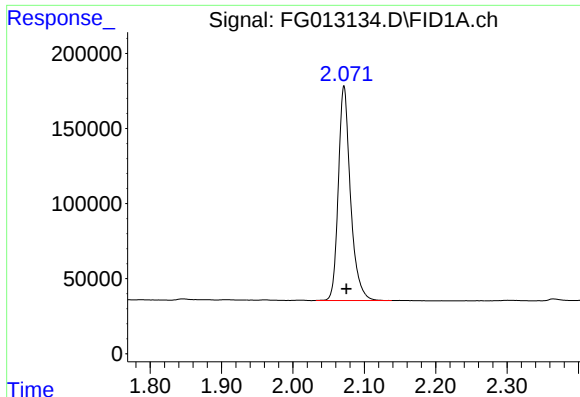
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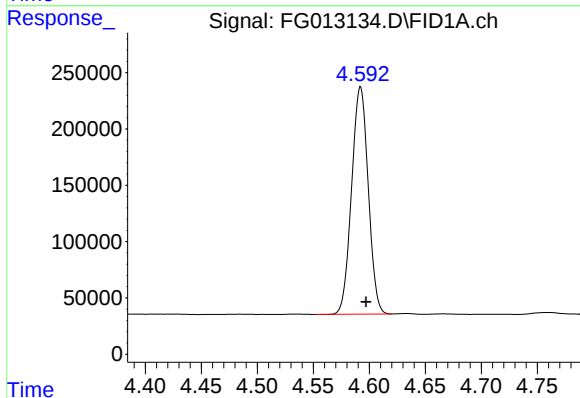
#1 N-OCTANE

R.T.: 2.072 min
Delta R.T.: -0.003 min
Response: 1687608
Conc: 14.84 ug/ml

Instrument :
FID_G
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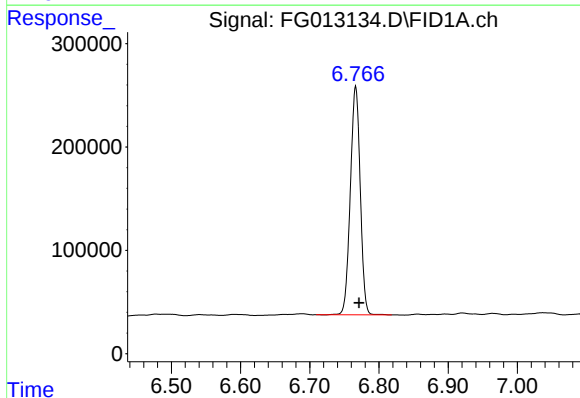
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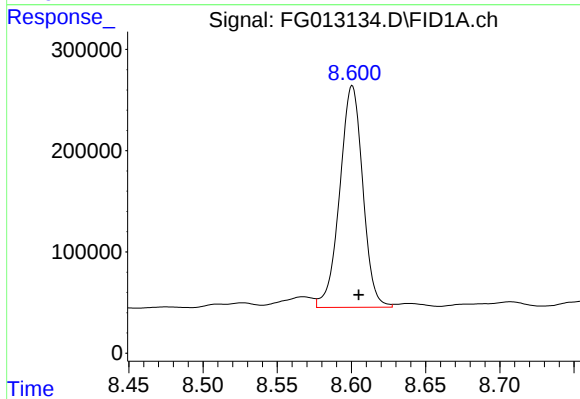
#2 N-DECANE

R.T.: 4.592 min
Delta R.T.: -0.005 min
Response: 2087306
Conc: 18.15 ug/ml



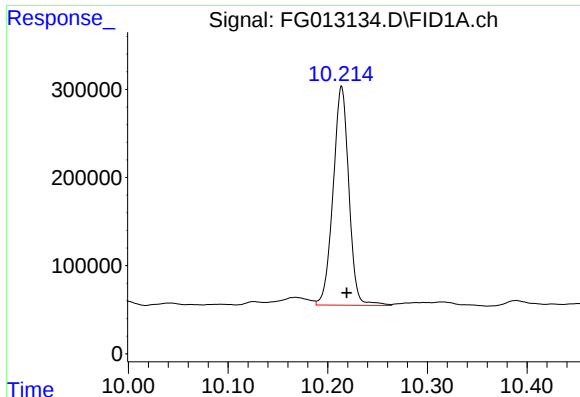
#3 N-DODECANE

R.T.: 6.766 min
Delta R.T.: -0.005 min
Response: 2201557
Conc: 19.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.004 min
Response: 2363797
Conc: 20.73 ug/ml



#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 2731166
Conc: 23.52 ug/ml

Instrument :

FID_G

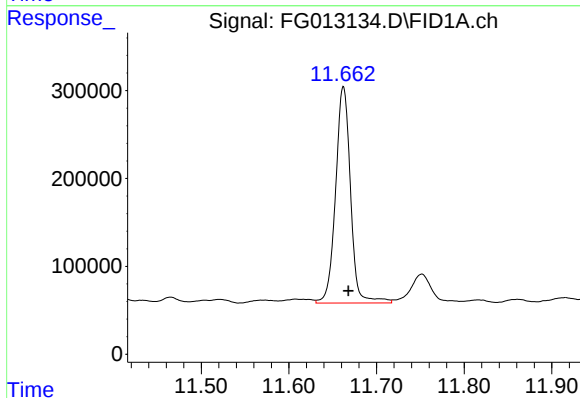
ClientSampleId :

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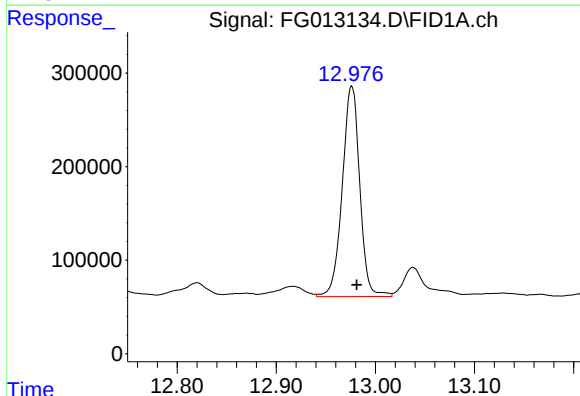
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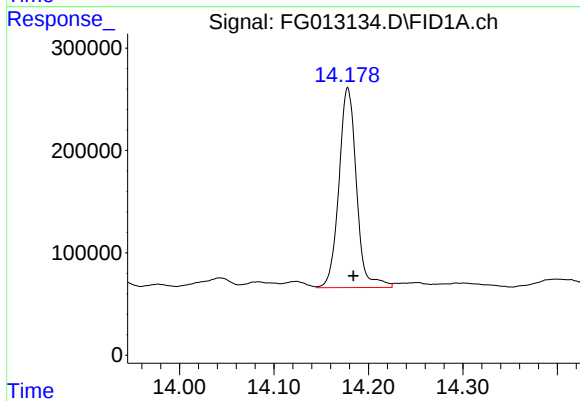
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.006 min
Response: 2918491
Conc: 25.13 ug/ml



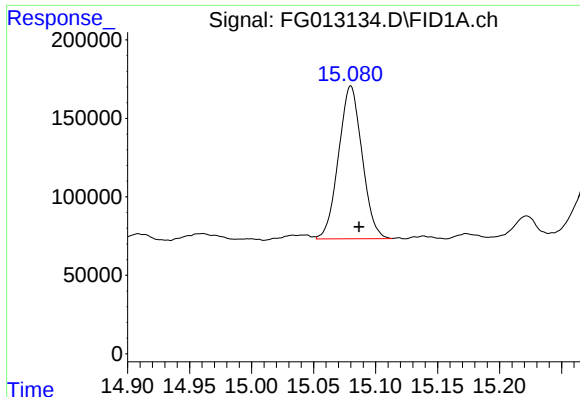
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 2758036
Conc: 23.96 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.006 min
Response: 2522850
Conc: 22.80 ug/ml



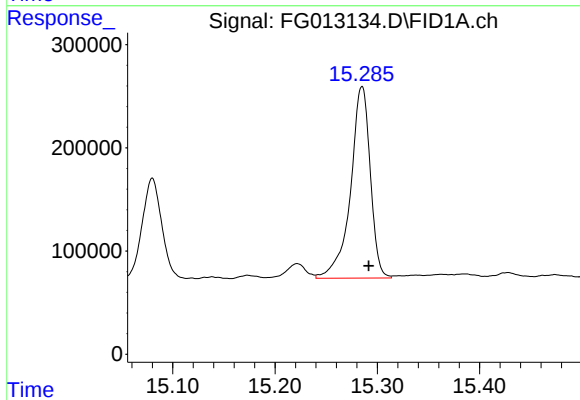
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.007 min
Response: 1283892
Conc: 12.26 ug/ml

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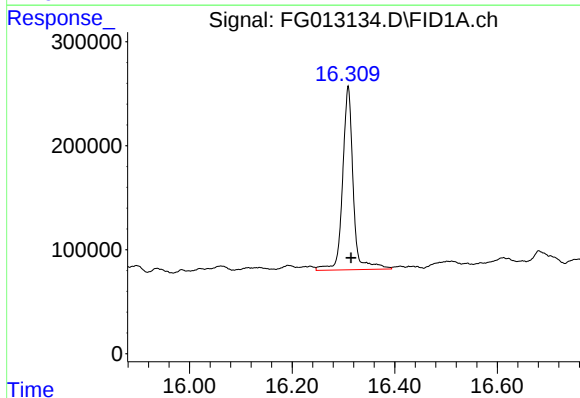
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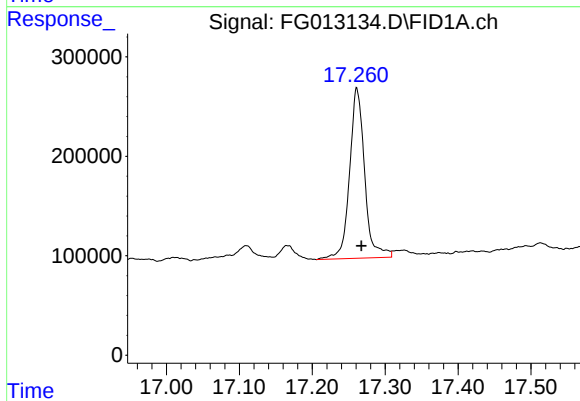
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.007 min
Response: 2494865
Conc: 22.71 ug/ml



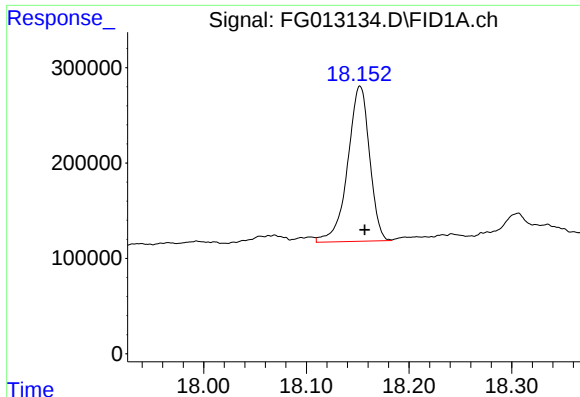
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: -0.005 min
Response: 2511576
Conc: 23.34 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: -0.006 min
Response: 2460233
Conc: 23.07 ug/ml



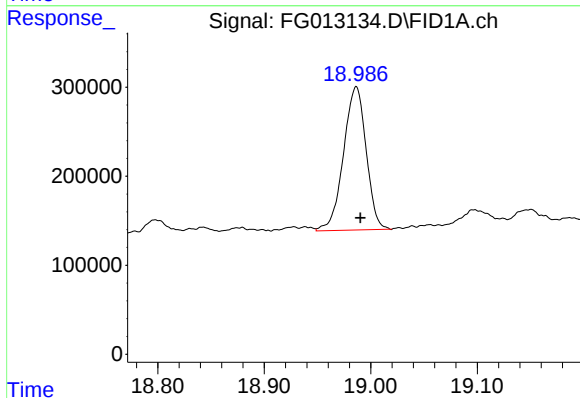
#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: -0.004 min
Response: 2404320
Conc: 22.45 ug/ml

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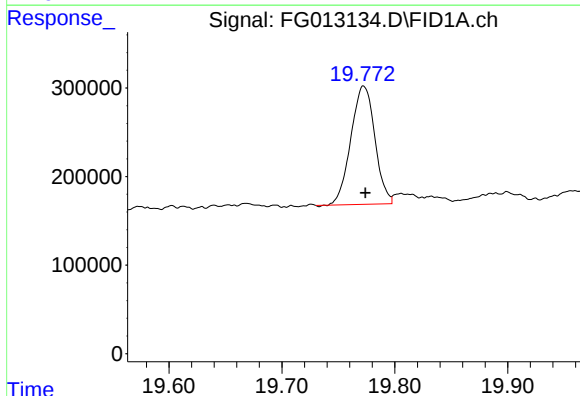
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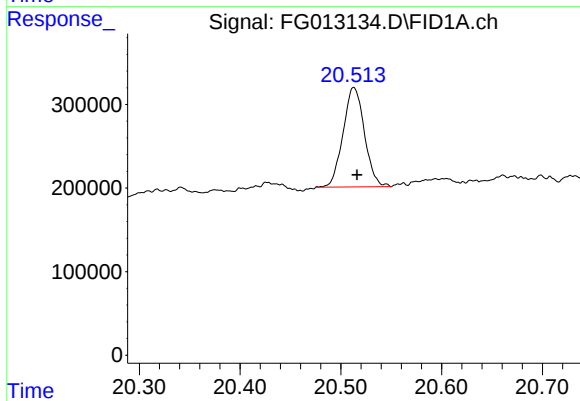
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: -0.004 min
Response: 2378580
Conc: 22.72 ug/ml



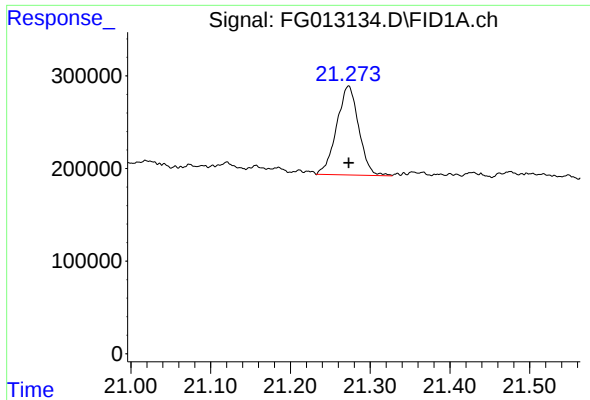
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: -0.002 min
Response: 1972065
Conc: 21.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: -0.003 min
Response: 1757742
Conc: 23.90 ug/ml



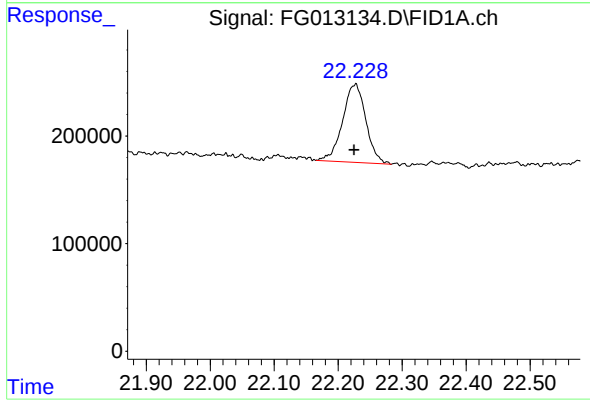
#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 1844793
Conc: 26.06 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.002 min
Response: 1833501
Conc: 25.29 ug/ml