

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013315.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 13:54
 Operator : YP\AJ
 Sample : PB158056BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB158056BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:29:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 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...	15.075	1967444	18.327 ug/mlm
Target Compounds			
1) N-OCTANE	2.058	1843297	15.110 ug/mlm
2) N-DECANE	4.585	2065169	16.338 ug/ml
3) N-DODECANE	6.760	2103646	16.749 ug/ml
4) N-TETRADECANE	8.594	2089387	17.308 ug/ml
5) N-HEXADECANE	10.208	2157915	17.754 ug/ml
6) N-OCTADECANE	11.656	2181763	18.154 ug/ml
7) N-EICOSANE	12.971	2167128	18.339 ug/ml
8) N-DOCOSANE	14.174	2118073	18.673 ug/ml
10) N-TETRACOSANE	15.279	2170011	18.632 ug/ml
11) N-HEXACOSANE	16.303	2140053	19.216 ug/ml
12) N-OCTACOSANE	17.255	2191561	19.858 ug/ml
13) N-TRIACONTANE	18.145	2302798	20.968 ug/ml
14) N-DOTRIACONTANE	18.977	2257135	21.101 ug/ml
15) N-TETRATRIACONTANE	19.761	1836451	19.549 ug/ml
16) N-HEXATRIACONTANE	20.502	1415230	18.249 ug/mlm
17) N-OCTATRIACONTANE	21.258	1165932	16.871 ug/ml
18) N-TETRACONTANE	22.205	1056304	14.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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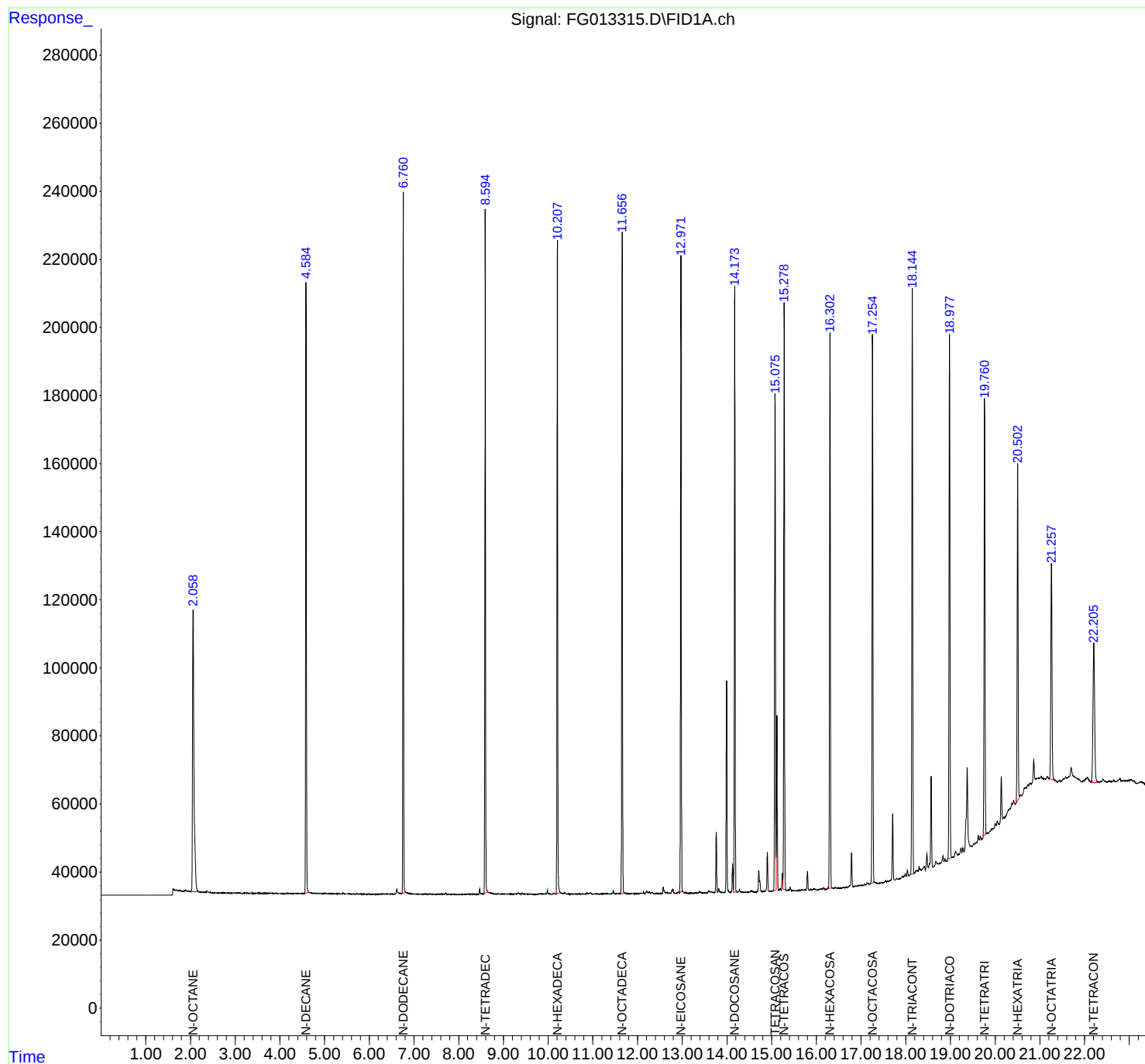
APPROVED

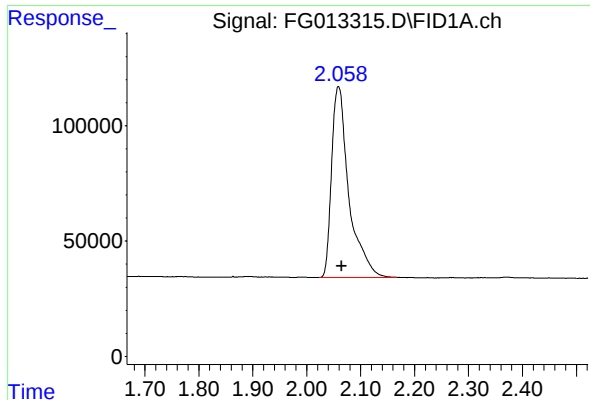
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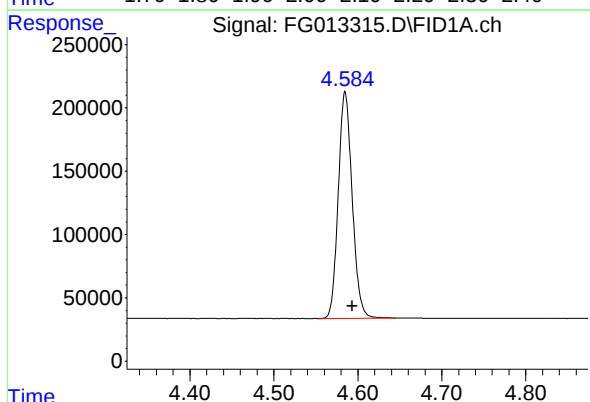
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: -0.007 min
Response: 1843297
Conc: 15.11 ug/ml

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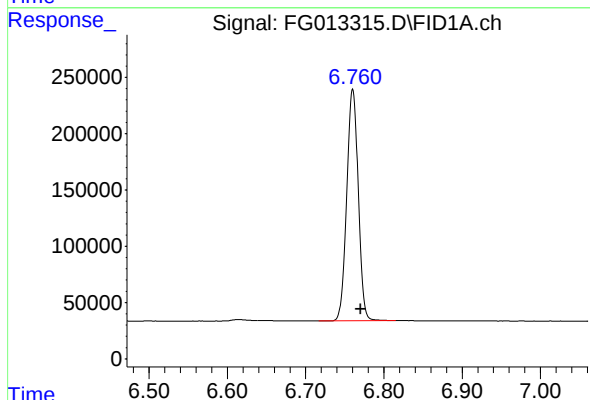
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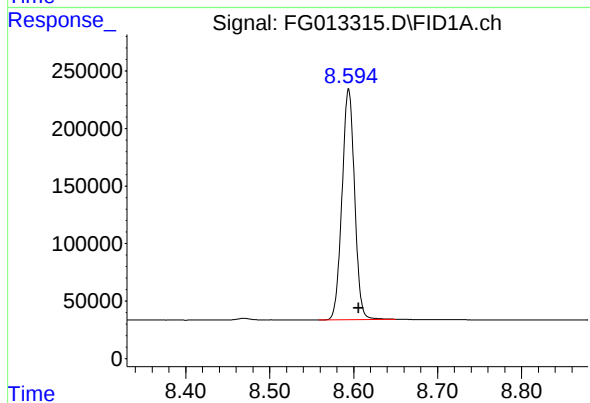
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: -0.009 min
Response: 2065169
Conc: 16.34 ug/ml



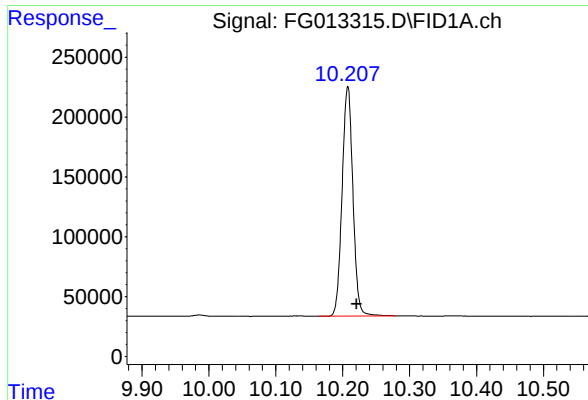
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.010 min
Response: 2103646
Conc: 16.75 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 2089387
Conc: 17.31 ug/ml



#5 N-HEXADECANE

R.T.: 10.208 min
Delta R.T.: -0.013 min
Response: 2157915
Conc: 17.75 ug/ml

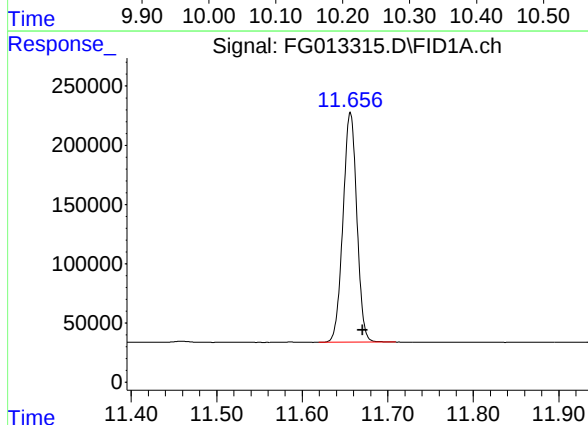
Instrument :

FID_G

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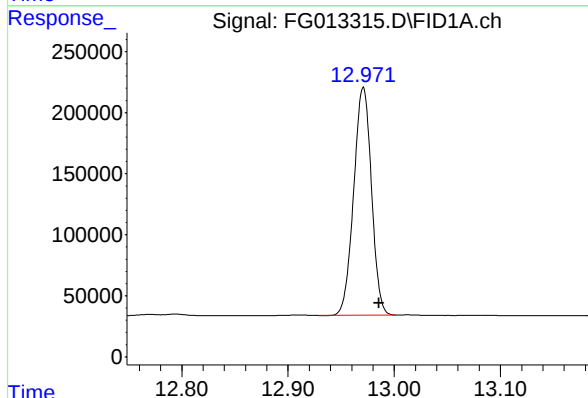
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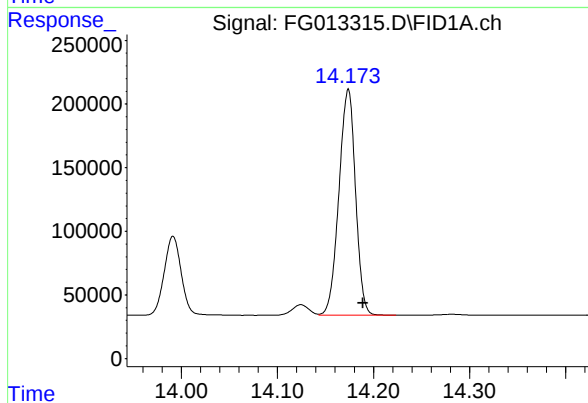
#6 N-OCTADECANE

R.T.: 11.656 min
Delta R.T.: -0.014 min
Response: 2181763
Conc: 18.15 ug/ml



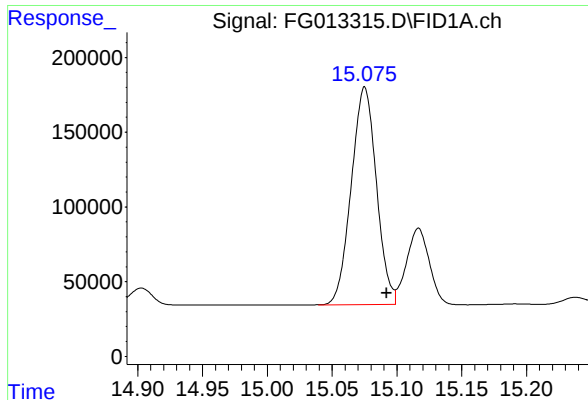
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: -0.015 min
Response: 2167128
Conc: 18.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: -0.015 min
Response: 2118073
Conc: 18.67 ug/ml



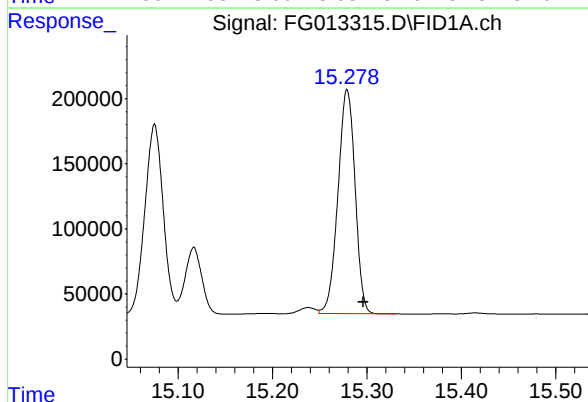
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.017 min
Response: 1967444
Conc: 18.33 ug/ml

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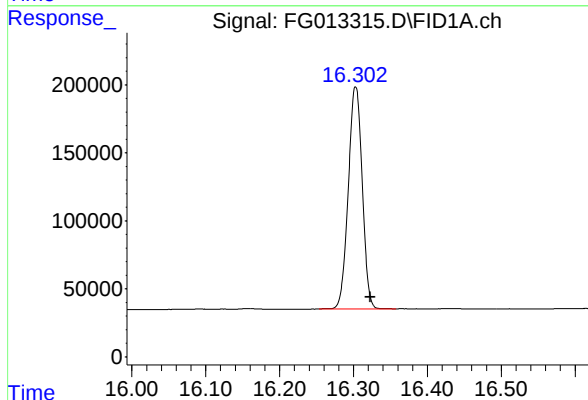
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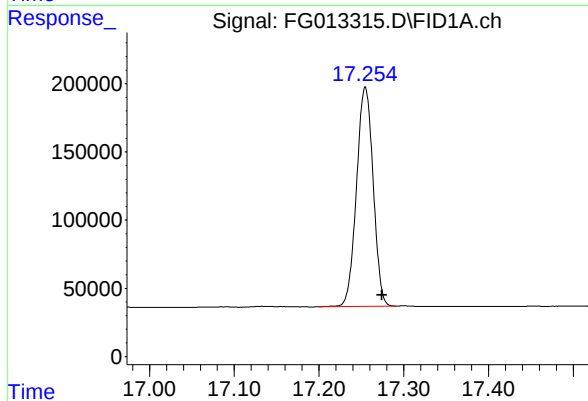
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: -0.017 min
Response: 2170011
Conc: 18.63 ug/ml



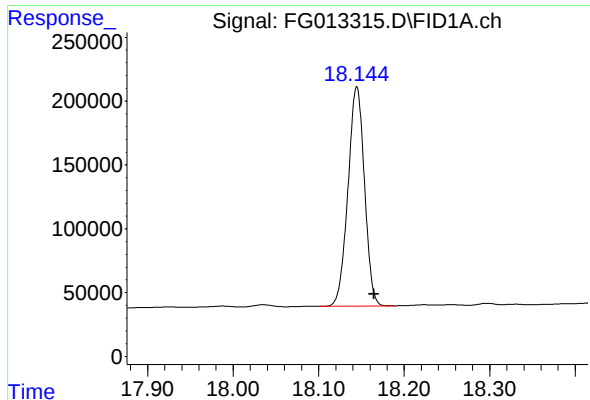
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: -0.020 min
Response: 2140053
Conc: 19.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.255 min
Delta R.T.: -0.020 min
Response: 2191561
Conc: 19.86 ug/ml



#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.020 min
Response: 2302798
Conc: 20.97 ug/ml

Instrument :

FID_G

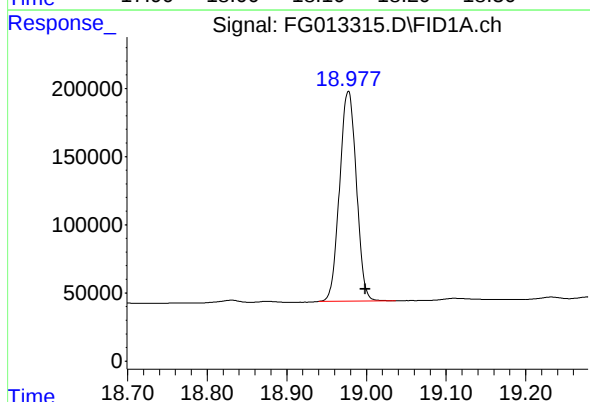
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PB158056BS

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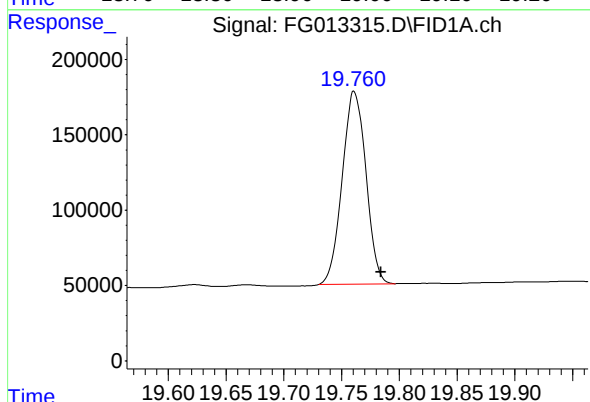
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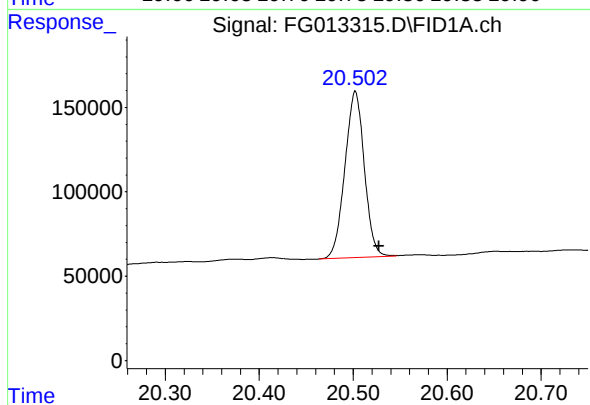
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: -0.022 min
Response: 2257135
Conc: 21.10 ug/ml



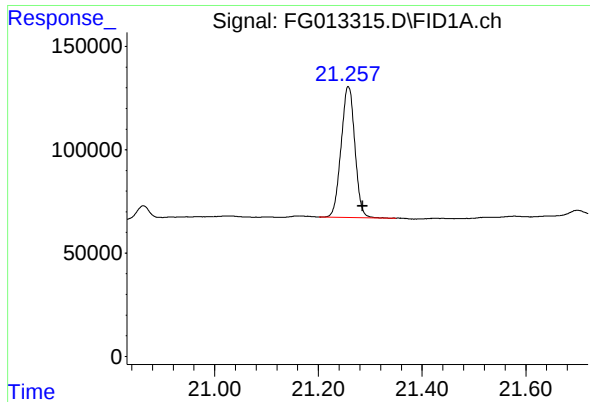
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: -0.023 min
Response: 1836451
Conc: 19.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.026 min
Response: 1415230
Conc: 18.25 ug/ml m



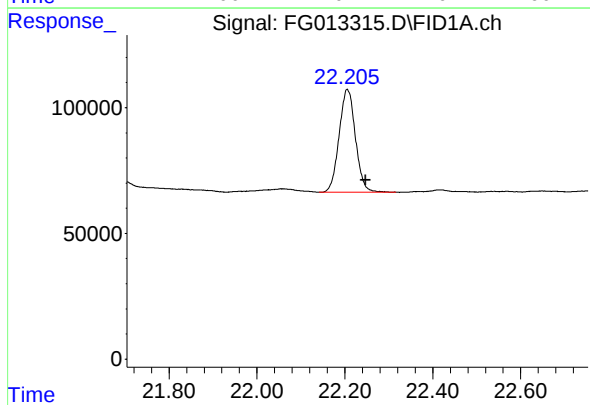
#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: -0.028 min
Response: 1165932
Conc: 16.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.205 min
Delta R.T.: -0.042 min
Response: 1056304
Conc: 14.58 ug/ml