

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102623\
 Data File : FG013104.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2023 14:51
 Operator : YP\AJ
 Sample : PB156665BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB156665BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :Ankita Jodhani 10/27/2023

Integration File: autoint1.e
 Quant Time: Oct 27 01:06:13 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...	15.085	2110826	20.150 ug/mlm
Target Compounds			
1) N-OCTANE	2.073	2361245	20.764 ug/ml
2) N-DECANE	4.597	2372641	20.636 ug/ml
3) N-DODECANE	6.772	2356519	20.401 ug/ml
4) N-TETRADECANE	8.605	2326632	20.405 ug/ml
5) N-HEXADECANE	10.220	2353459	20.268 ug/ml
6) N-OCTADECANE	11.668	2347669	20.218 ug/ml
7) N-EICOSANE	12.982	2325572	20.203 ug/ml
8) N-DOCOSANE	14.183	2233229	20.182 ug/ml
10) N-TETRACOSANE	15.291	2225944	20.260 ug/ml
11) N-HEXACOSANE	16.313	2189082	20.342 ug/ml
12) N-OCTACOSANE	17.266	2177649	20.423 ug/ml
13) N-TRIACONTANE	18.155	2208342	20.619 ug/ml
14) N-DOTRIACONTANE	18.990	2153925	20.578 ug/ml
15) N-TETRATRIACONTANE	19.773	1875729	20.608 ug/ml
16) N-HEXATRIACONTANE	20.514	1524674	20.730 ug/ml
17) N-OCTATRIACONTANE	21.272	1422994	20.105 ug/ml
18) N-TETRACONTANE	22.222	1438883	19.850 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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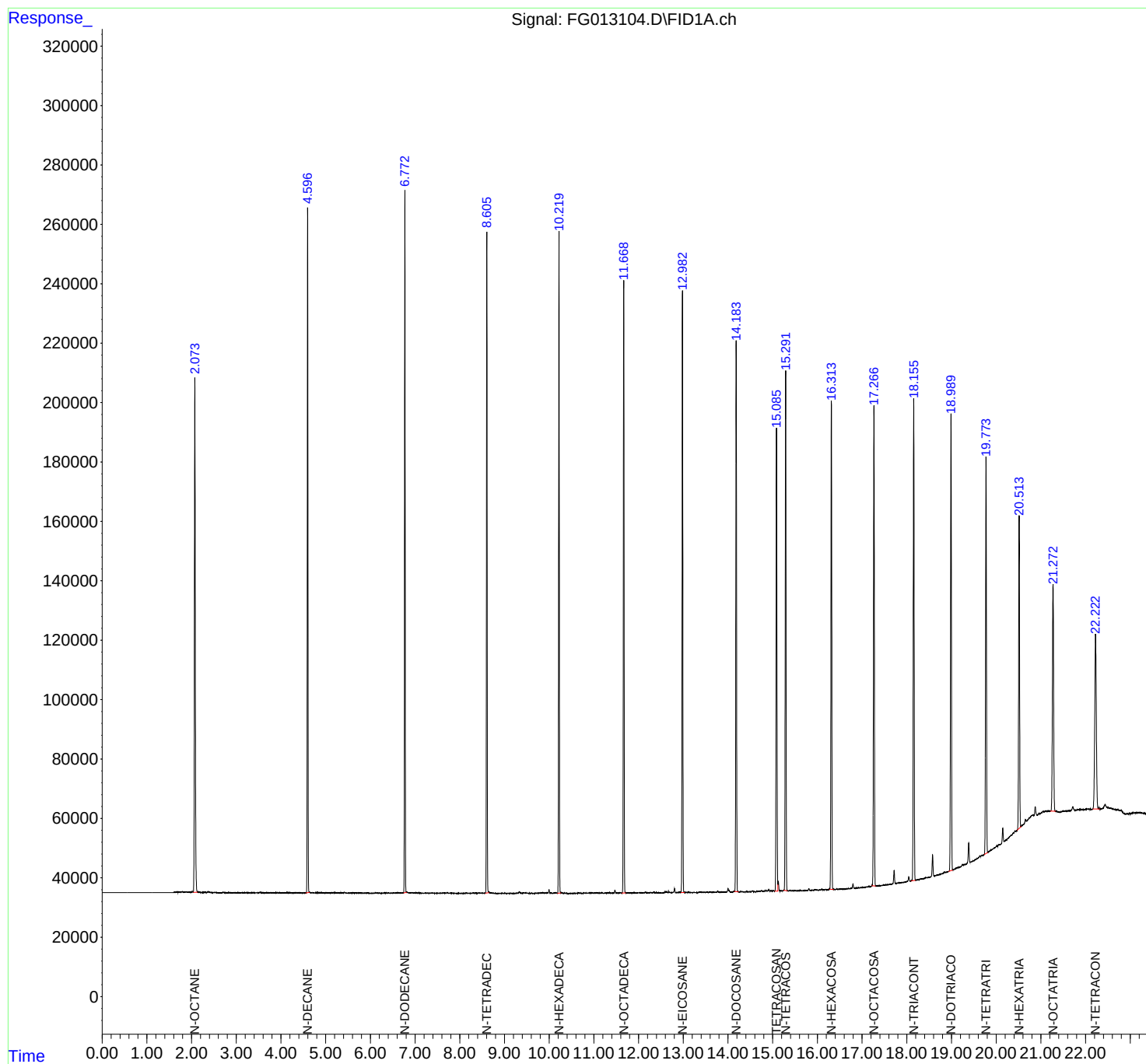
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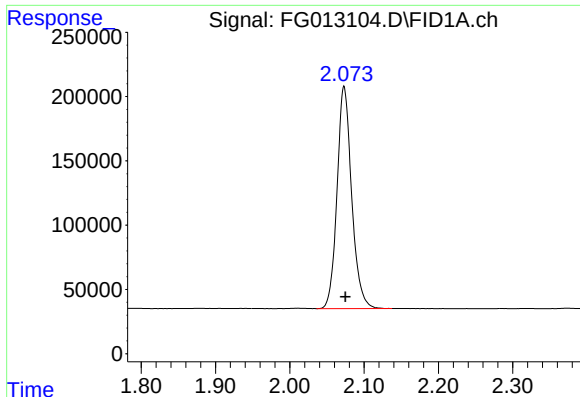
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.073 min
Delta R.T.: -0.002 min
Response: 2361245
Conc: 20.76 ug/ml

Instrument :

FID_G

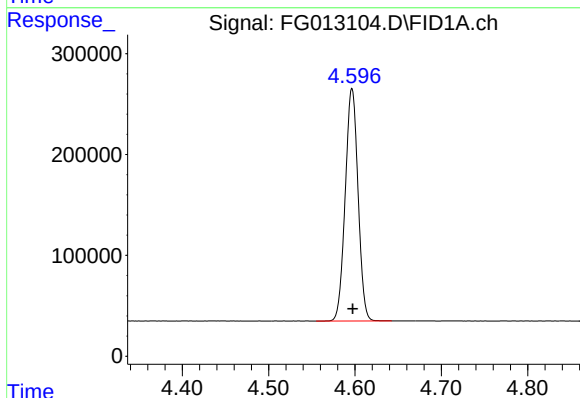
ClientSampleId :

PB156665BS

Manual Integrations

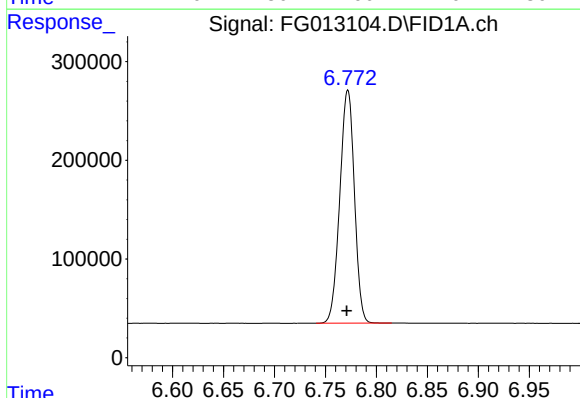
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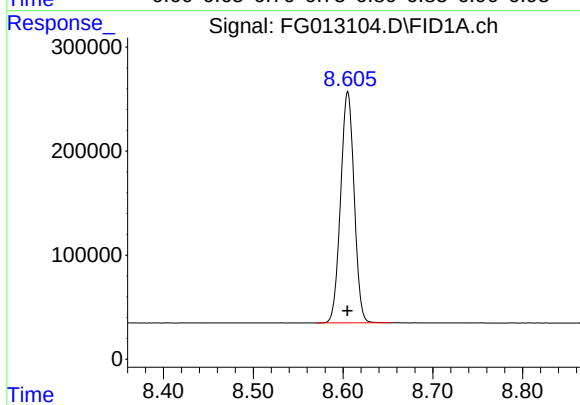
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2372641
Conc: 20.64 ug/ml



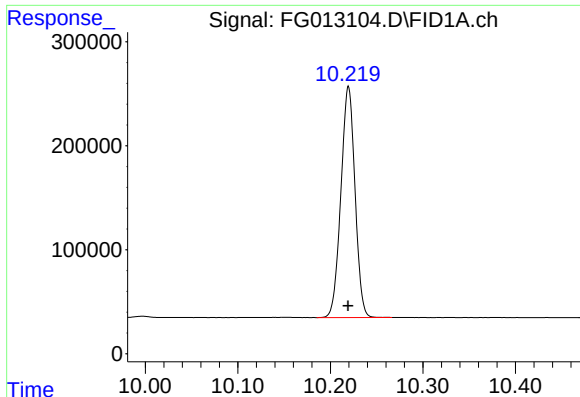
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2356519
Conc: 20.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2326632
Conc: 20.40 ug/ml



#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 2353459
Conc: 20.27 ug/ml

Instrument :

FID_G

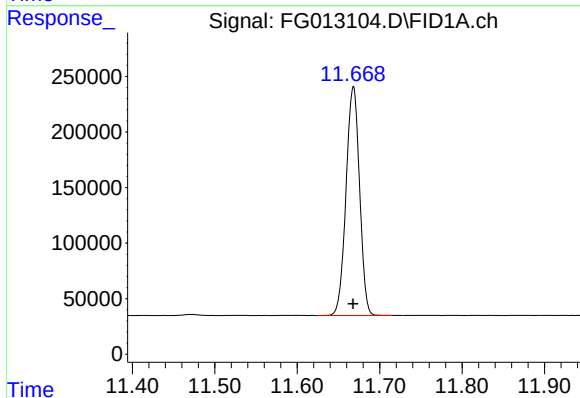
ClientSampleId :

PB156665BS

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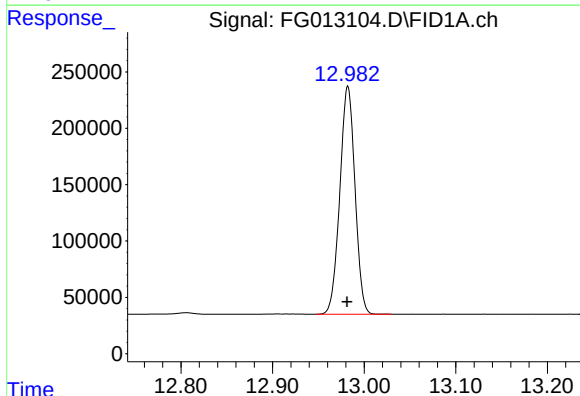
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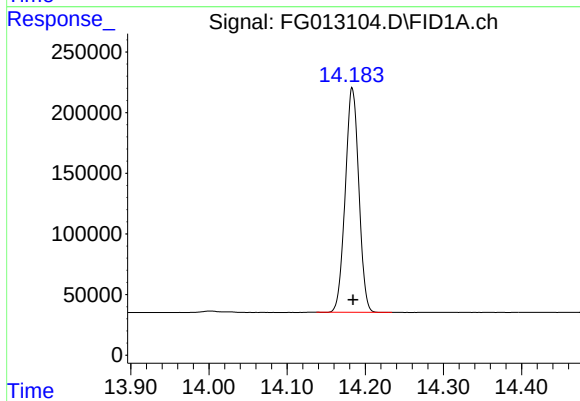
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 2347669
Conc: 20.22 ug/ml



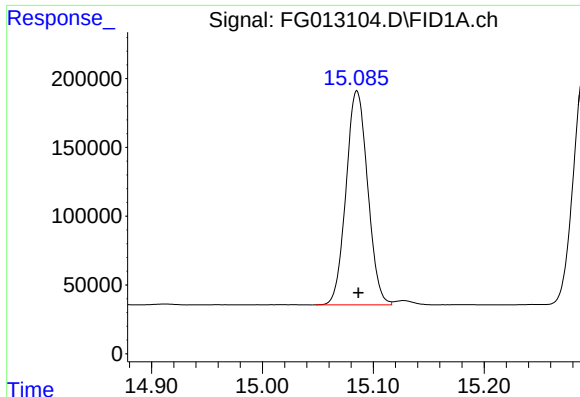
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 2325572
Conc: 20.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 2233229
Conc: 20.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.085 min
Delta R.T.: -0.002 min
Response: 2110826
Conc: 20.15 ug/ml

Instrument :

FID_G

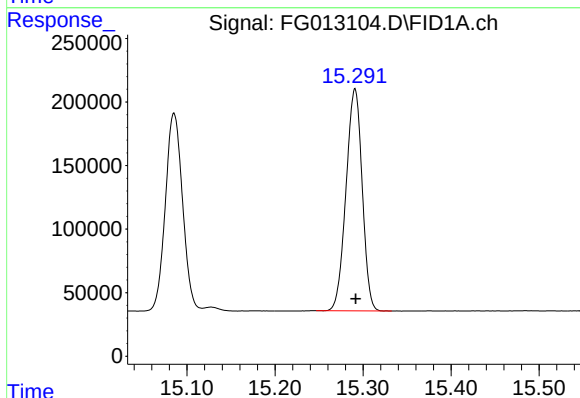
ClientSampleId :

PB156665BS

Manual Integrations

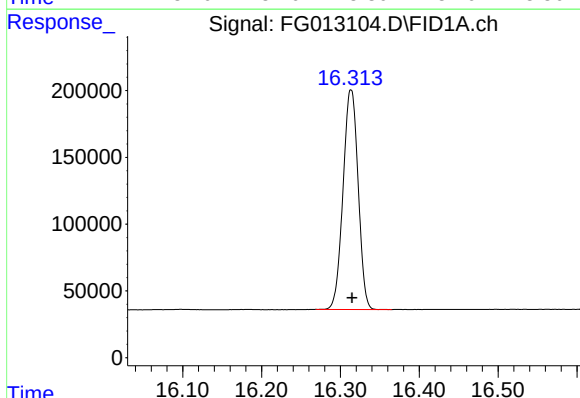
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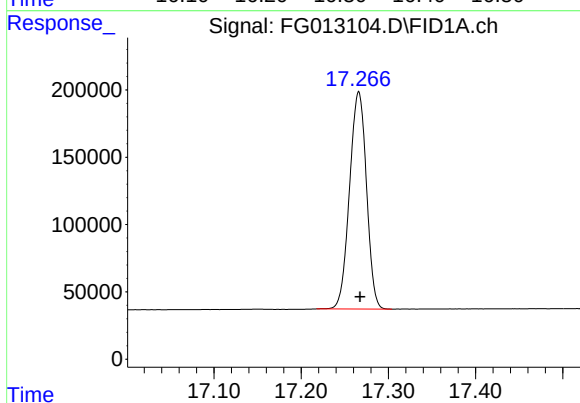
#10 N-TETRACOSANE

R.T.: 15.291 min
Delta R.T.: 0.000 min
Response: 2225944
Conc: 20.26 ug/ml



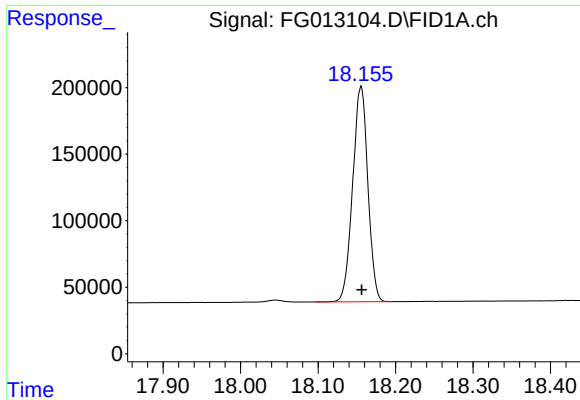
#11 N-HEXACOSANE

R.T.: 16.313 min
Delta R.T.: -0.001 min
Response: 2189082
Conc: 20.34 ug/ml



#12 N-OCTACOSANE

R.T.: 17.266 min
Delta R.T.: -0.002 min
Response: 2177649
Conc: 20.42 ug/ml



#13 N-TRIACONTANE

R.T.: 18.155 min
Delta R.T.: -0.001 min
Response: 2208342
Conc: 20.62 ug/ml

Instrument :

FID_G

ClientSampleId :

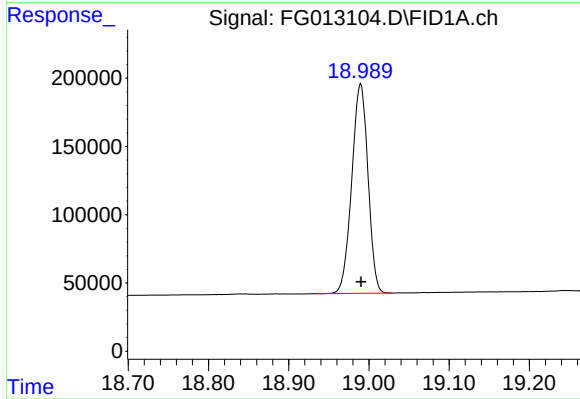
PB156665BS

Manual Integrations

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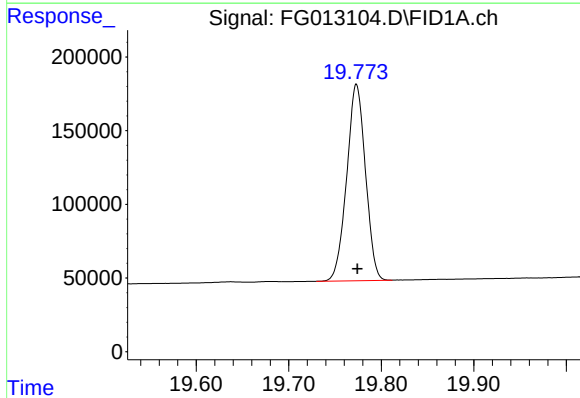
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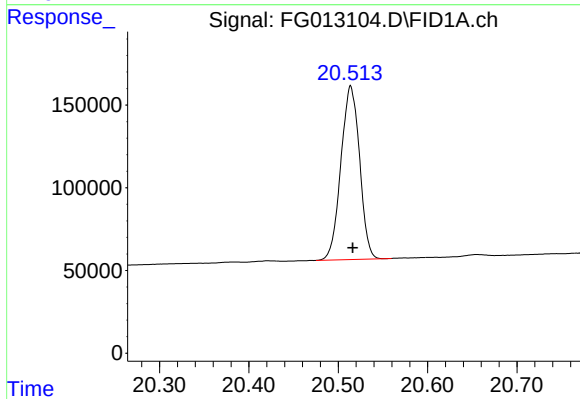
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.000 min
Response: 2153925
Conc: 20.58 ug/ml



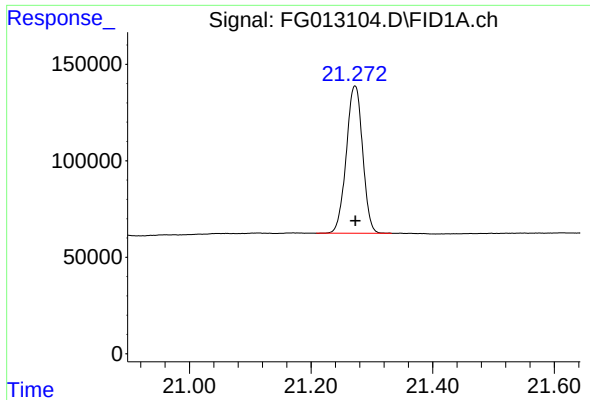
#15 N-TETRATRIACONTANE

R.T.: 19.773 min
Delta R.T.: 0.000 min
Response: 1875729
Conc: 20.61 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.514 min
Delta R.T.: -0.002 min
Response: 1524674
Conc: 20.73 ug/ml



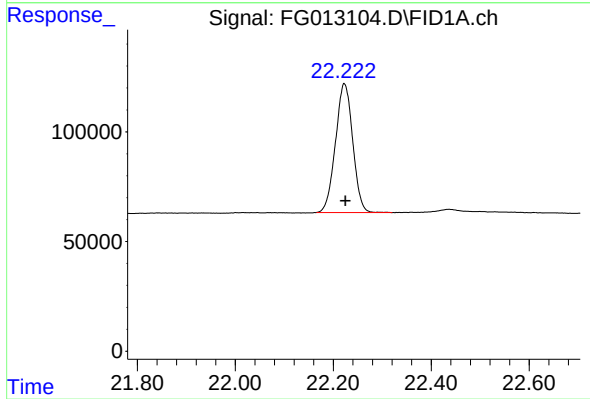
#17 N-OCTATRIACONTANE

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 1422994
Conc: 20.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.222 min
Delta R.T.: -0.003 min
Response: 1438883
Conc: 19.85 ug/ml