

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG010224\
 Data File : FG013323.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 10:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:08:13 2024
 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	4853985	45.215 ug/mlm
Target Compounds			
1) N-OCTANE	2.068	4434680	36.353 ug/ml
2) N-DECANE	4.584	4990455	39.480 ug/ml
3) N-DODECANE	6.760	4962208	39.508 ug/ml
4) N-TETRADECANE	8.597	5067382	41.977 ug/ml
5) N-HEXADECANE	10.211	5172066	42.552 ug/ml
6) N-OCTADECANE	11.659	5210439	43.355 ug/ml
7) N-EICOSANE	12.973	5235553	44.306 ug/ml
8) N-DOCOSANE	14.174	5125144	45.185 ug/ml
10) N-TETRACOSANE	15.281	5192587	44.585 ug/ml
11) N-HEXACOSANE	16.305	5172652	46.447 ug/ml
12) N-OCTACOSANE	17.257	5201541	47.133 ug/ml
13) N-TRIACONTANE	18.146	5273270	48.015 ug/ml
14) N-DOTRIACONTANE	18.980	5118049	47.847 ug/ml
15) N-TETRATRIACONTANE	19.764	4354582	46.354 ug/ml
16) N-HEXATRIACONTANE	20.502	3425814	44.176 ug/mlm
17) N-OCTATRIACONTANE	21.259	3017787	43.668 ug/ml
18) N-TETRACONTANE	22.208	2828272	39.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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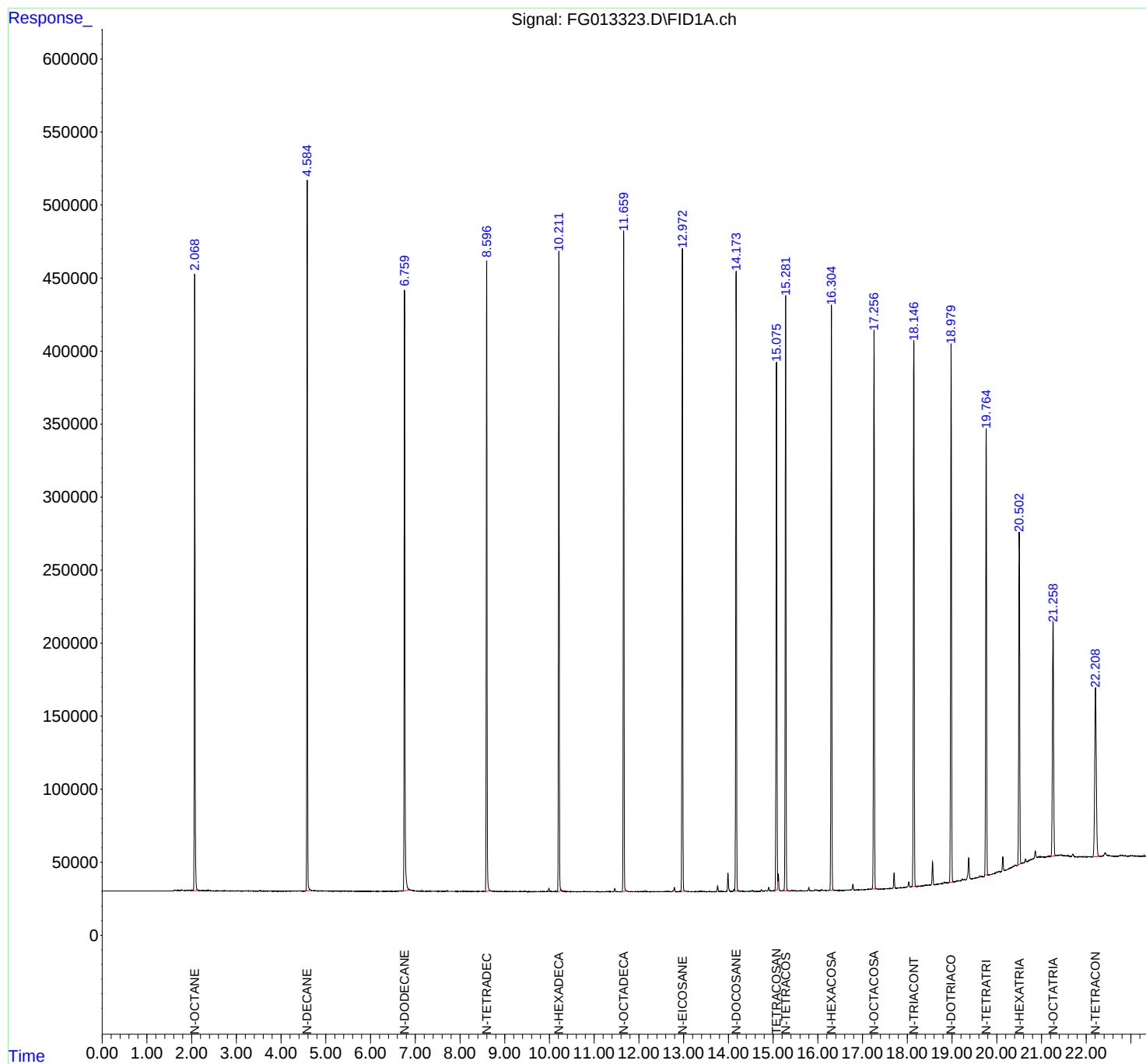
Instrument :
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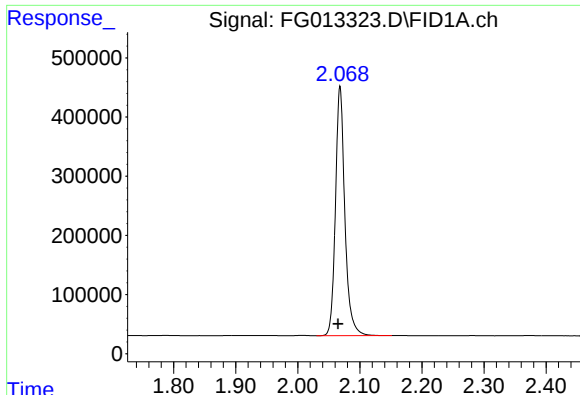
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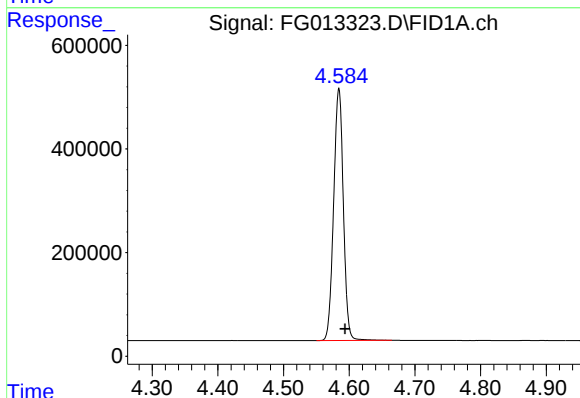
#1 N-OCTANE

R.T.: 2.068 min
Delta R.T.: 0.003 min
Response: 4434680
Conc: 36.35 ug/ml

Instrument :
FID_G
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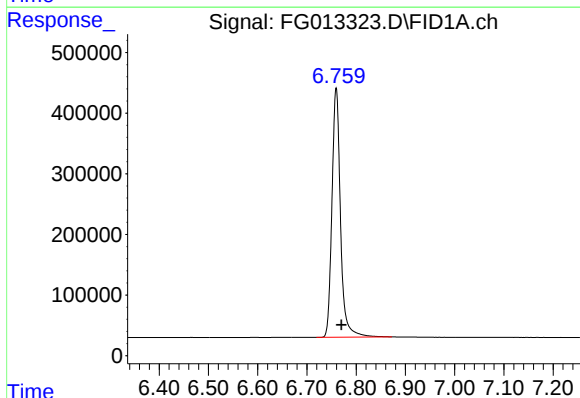
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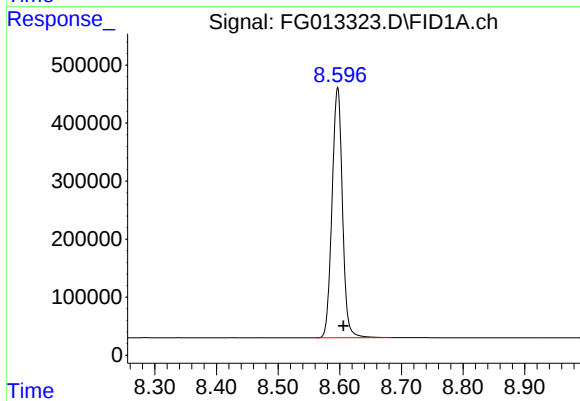
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 4990455
Conc: 39.48 ug/ml



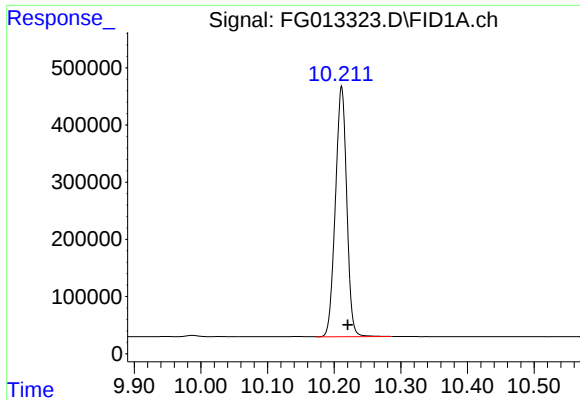
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.011 min
Response: 4962208
Conc: 39.51 ug/ml



#4 N-TETRADECANE

R.T.: 8.597 min
Delta R.T.: -0.009 min
Response: 5067382
Conc: 41.98 ug/ml



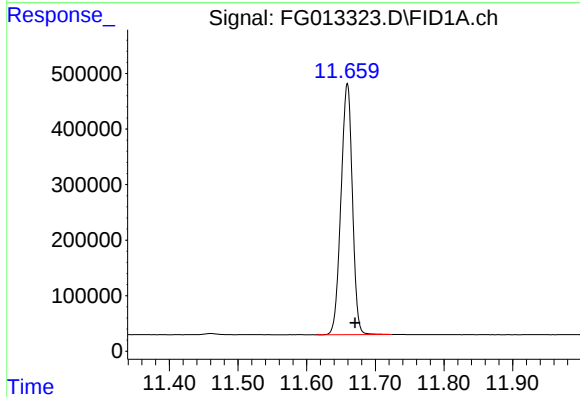
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.009 min
Response: 5172066
Conc: 42.55 ug/ml

Instrument :
FID_G
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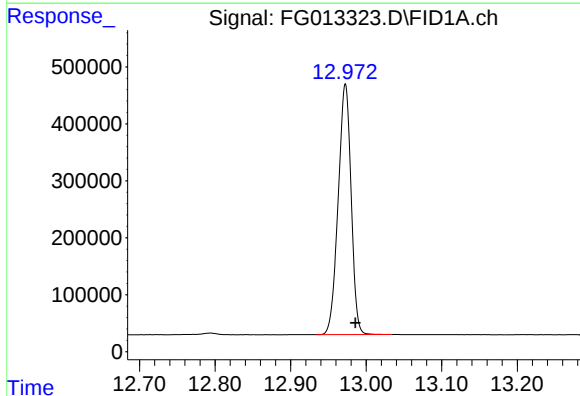
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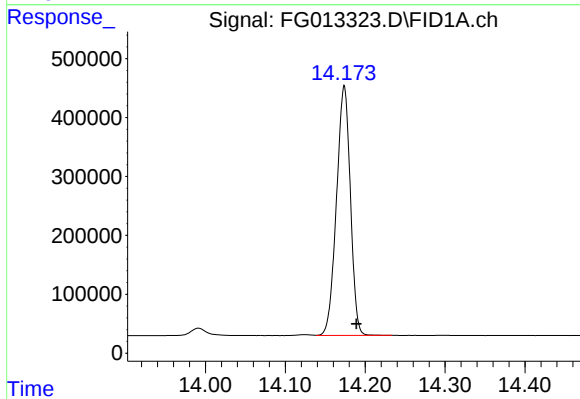
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: -0.011 min
Response: 5210439
Conc: 43.36 ug/ml



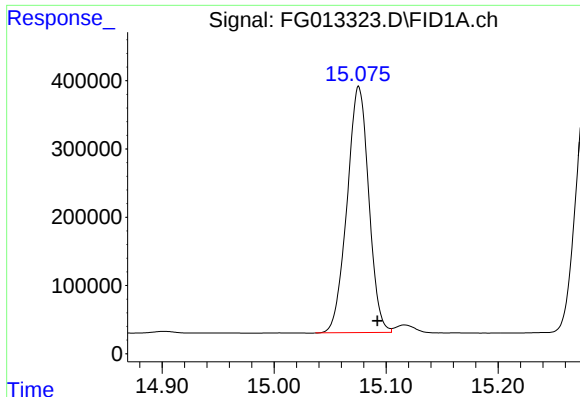
#7 N-EICOSANE

R.T.: 12.973 min
Delta R.T.: -0.013 min
Response: 5235553
Conc: 44.31 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: -0.015 min
Response: 5125144
Conc: 45.18 ug/ml



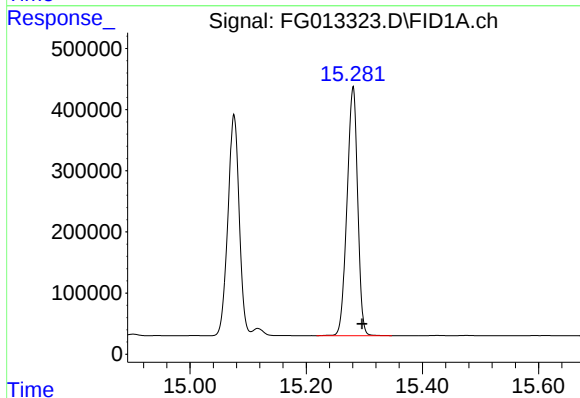
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.017 min
Response: 4853985
Conc: 45.22 ug/ml

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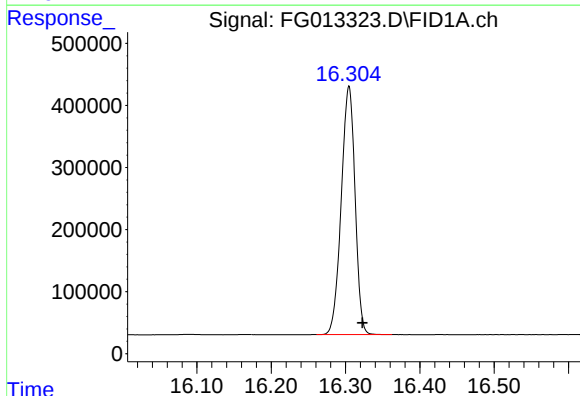
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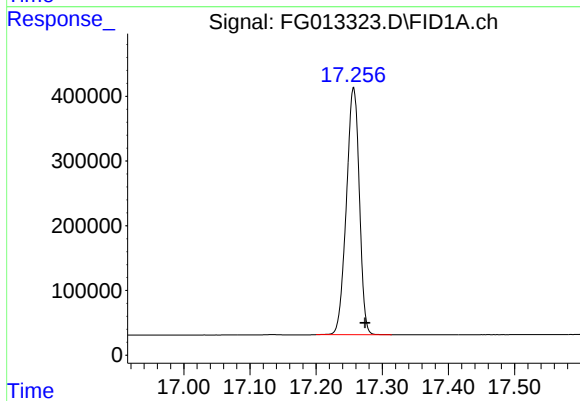
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.015 min
Response: 5192587
Conc: 44.59 ug/ml



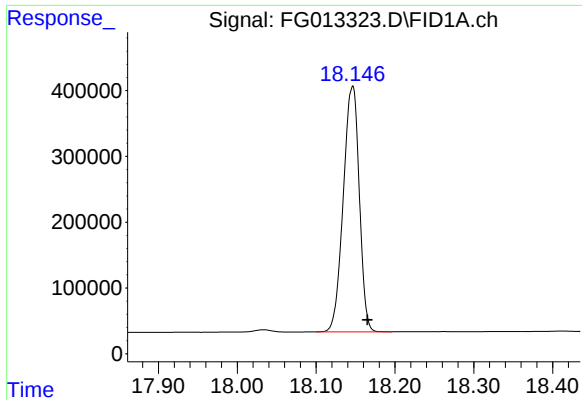
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.018 min
Response: 5172652
Conc: 46.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.018 min
Response: 5201541
Conc: 47.13 ug/ml



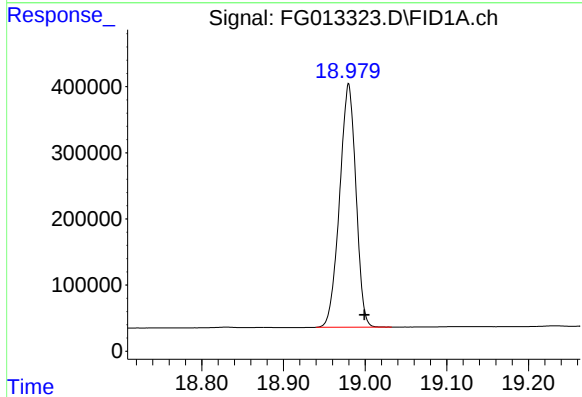
#13 N-TRIACONTANE

R.T.: 18.146 min
Delta R.T.: -0.019 min
Response: 5273270
Conc: 48.02 ug/ml

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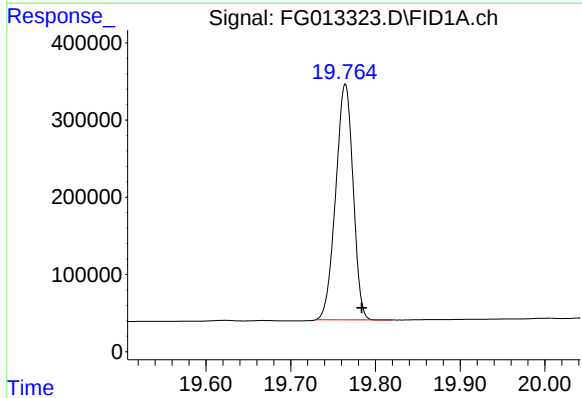
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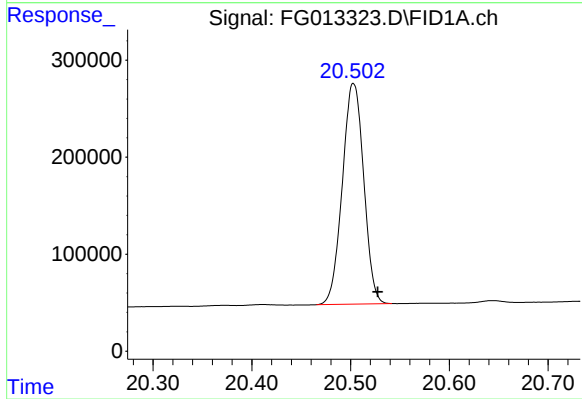
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: -0.019 min
Response: 5118049
Conc: 47.85 ug/ml



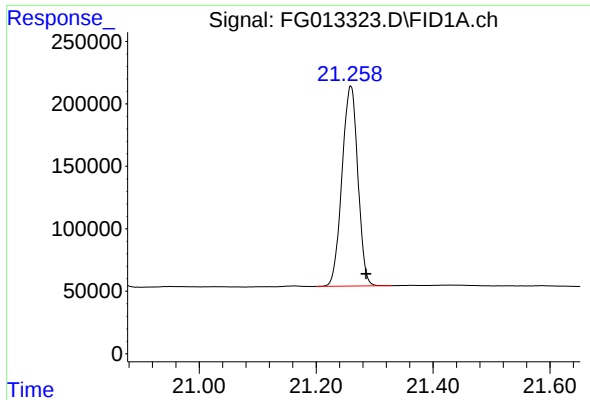
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.020 min
Response: 4354582
Conc: 46.35 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: -0.025 min
Response: 3425814
Conc: 44.18 ug/ml m



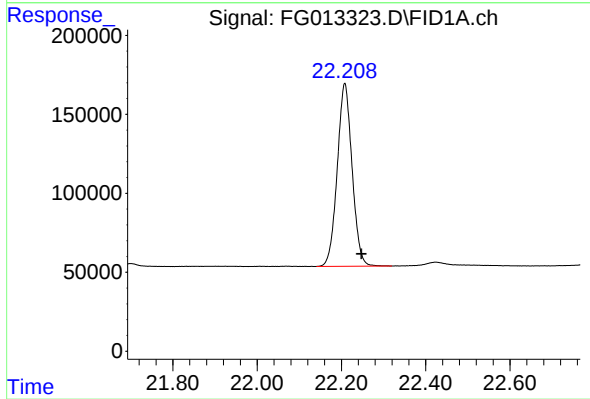
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: -0.026 min
Response: 3017787
Conc: 43.67 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: -0.040 min
Response: 2828272
Conc: 39.03 ug/ml