

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122623\
 Data File : FG013320.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 16:21
 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 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:30:06 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...	15.077	6034383	56.211 ug/ml
Target Compounds			
1) N-OCTANE	2.052	5288419	43.352 ug/mlm
2) N-DECANE	4.584	6287788	49.744 ug/ml
3) N-DODECANE	6.761	6637396	52.846 ug/ml
4) N-TETRADECANE	8.596	6848260	56.729 ug/ml
5) N-HEXADECANE	10.211	7116797	58.552 ug/ml
6) N-OCTADECANE	11.659	7139269	59.404 ug/ml
7) N-EICOSANE	12.974	6985458	59.115 ug/ml
8) N-DOCOSANE	14.176	6573227	57.951 ug/ml
10) N-TETRACOSANE	15.283	6392295	54.886 ug/ml
11) N-HEXACOSANE	16.306	6042569	54.258 ug/ml
12) N-OCTACOSANE	17.257	5847437	52.986 ug/ml
13) N-TRIACONTANE	18.148	5752478	52.379 ug/ml
14) N-DOTRIACONTANE	18.981	5510508	51.516 ug/ml
15) N-TETRATRIACONTANE	19.764	4702843	50.061 ug/ml
16) N-HEXATRIACONTANE	20.503	3739397	48.219 ug/mlm
17) N-OCTATRIACONTANE	21.258	3308783	47.879 ug/ml
18) N-TETRACONTANE	22.207	3100327	42.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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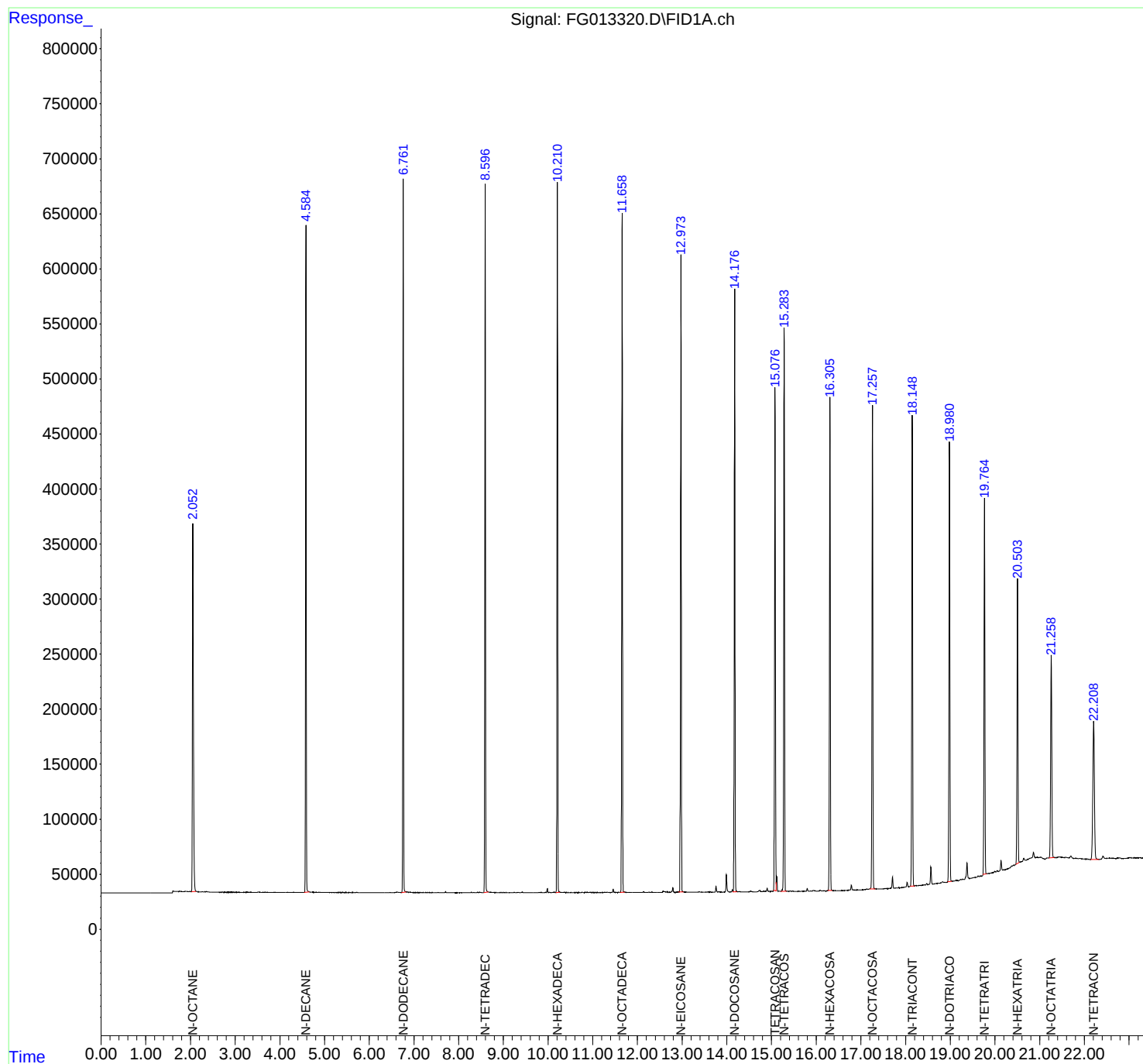
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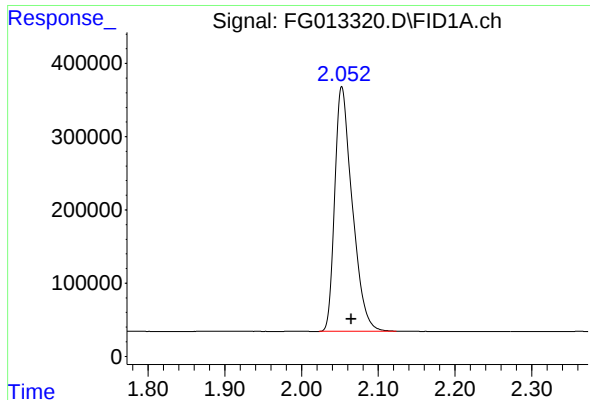
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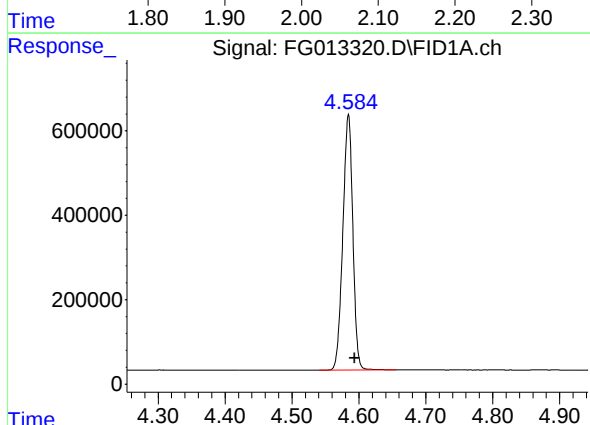
#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.013 min
Response: 5288419
Conc: 43.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

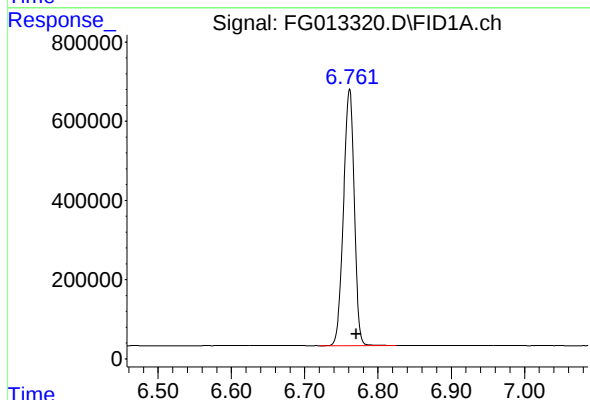
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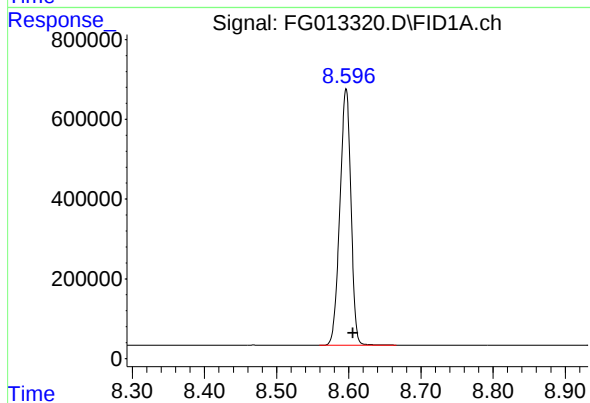
#2 N-DECANE

R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 6287788
Conc: 49.74 ug/ml



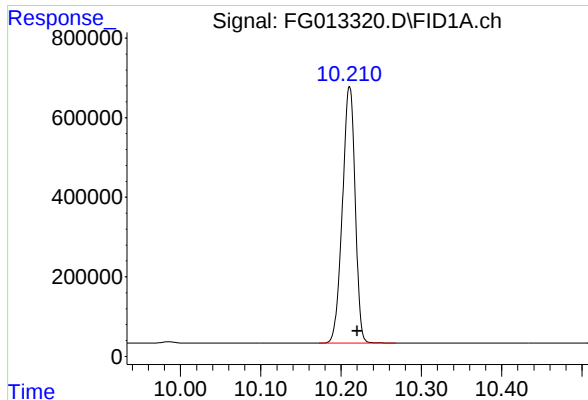
#3 N-DODECANE

R.T.: 6.761 min
Delta R.T.: -0.009 min
Response: 6637396
Conc: 52.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.596 min
Delta R.T.: -0.010 min
Response: 6848260
Conc: 56.73 ug/ml



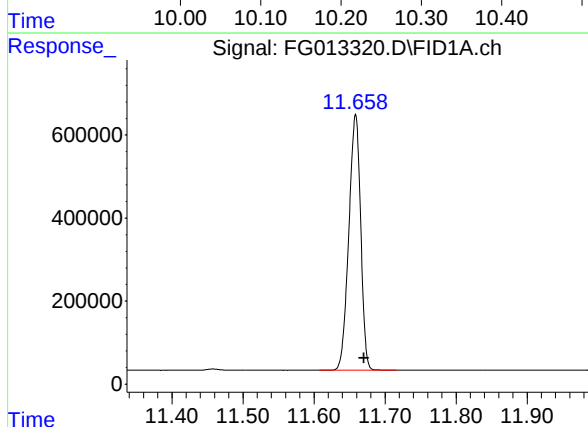
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: -0.010 min
Response: 7116797
Conc: 58.55 ug/ml

Instrument :
FID_G
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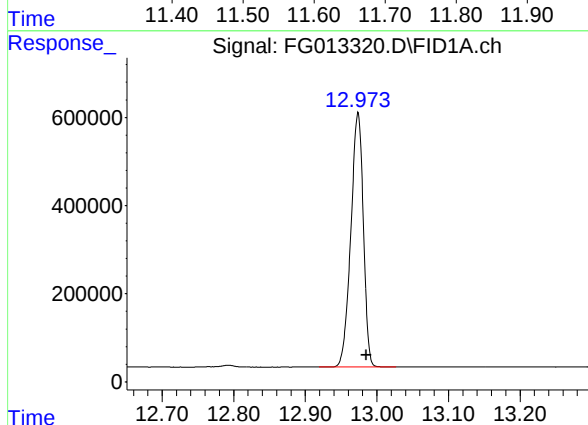
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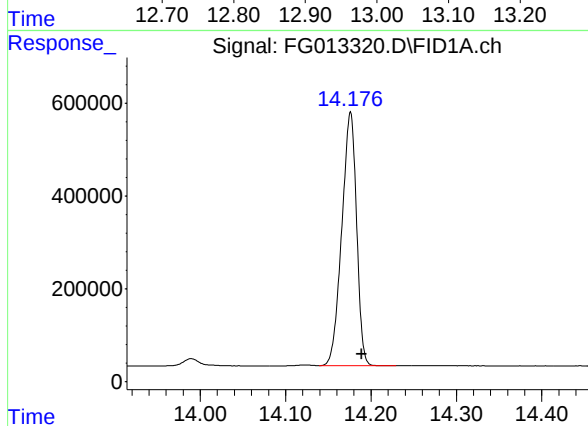
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: -0.012 min
Response: 7139269
Conc: 59.40 ug/ml



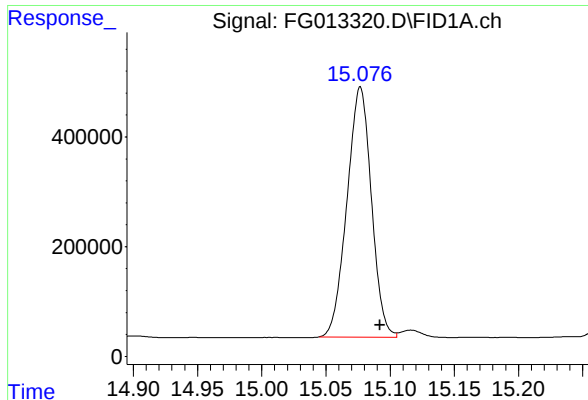
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.012 min
Response: 6985458
Conc: 59.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.013 min
Response: 6573227
Conc: 57.95 ug/ml



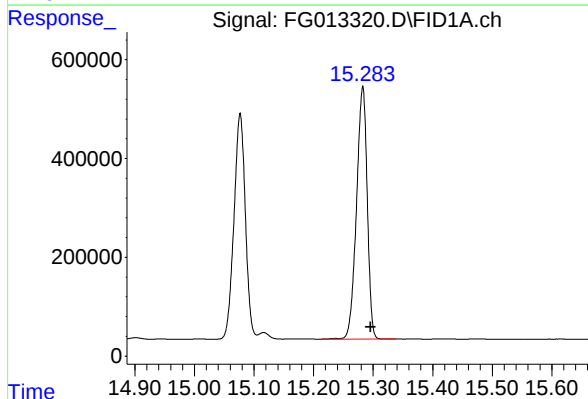
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: -0.015 min
Response: 6034383
Conc: 56.21 ug/ml

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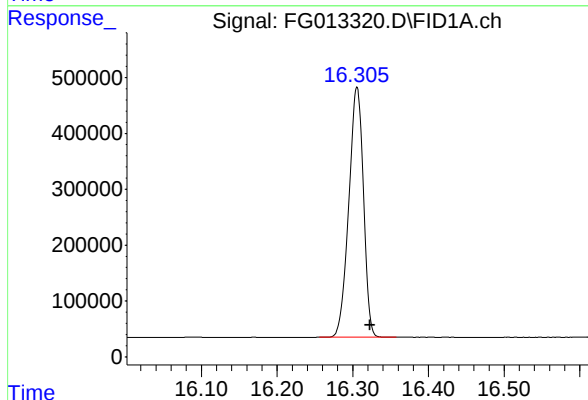
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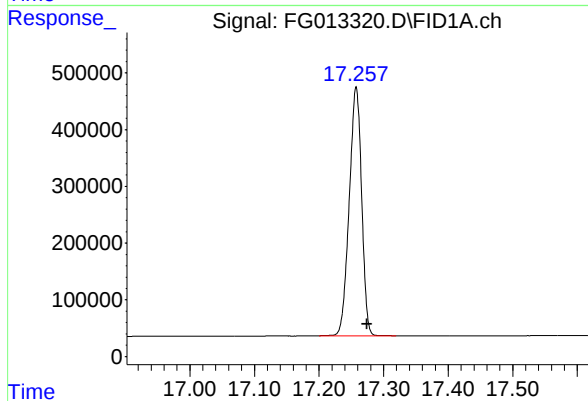
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: -0.013 min
Response: 6392295
Conc: 54.89 ug/ml



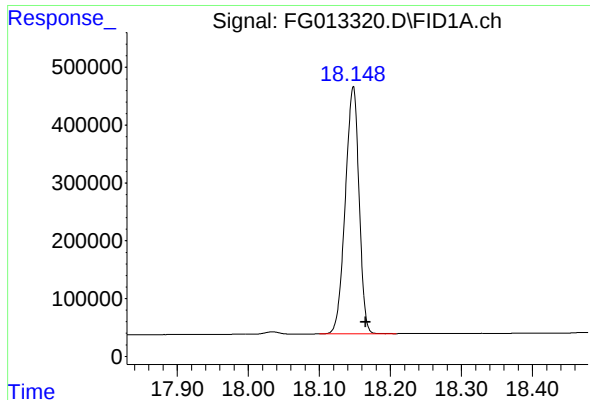
#11 N-HEXACOSANE

R.T.: 16.306 min
Delta R.T.: -0.017 min
Response: 6042569
Conc: 54.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.017 min
Response: 5847437
Conc: 52.99 ug/ml



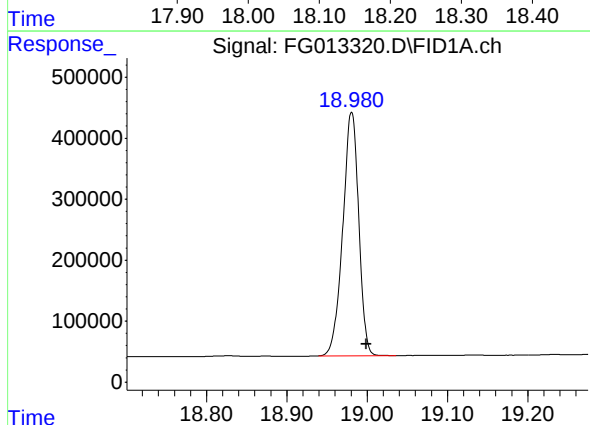
#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: -0.017 min
Response: 5752478
Conc: 52.38 ug/ml

Instrument :
FID_G
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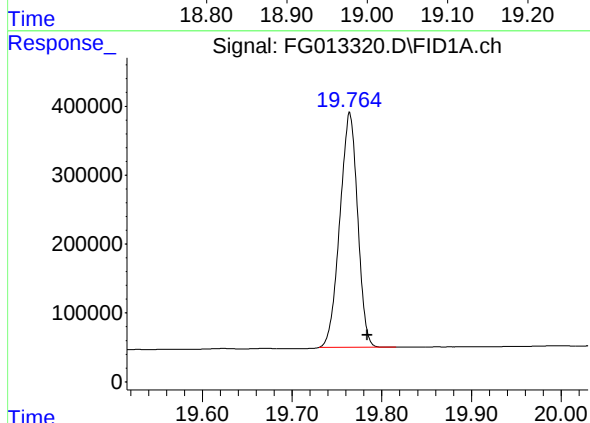
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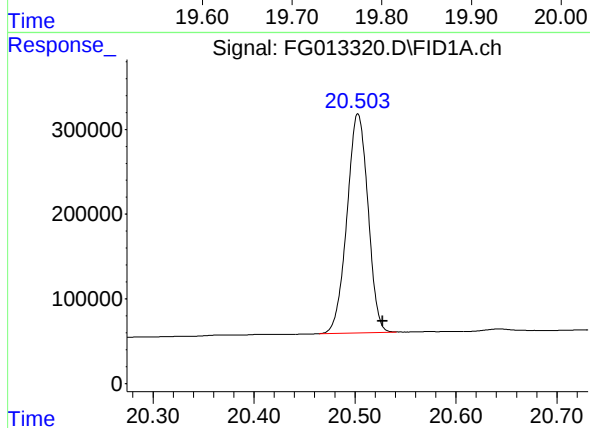
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.018 min
Response: 5510508
Conc: 51.52 ug/ml



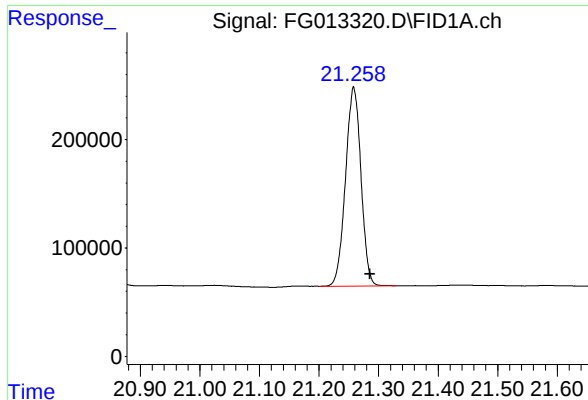
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.020 min
Response: 4702843
Conc: 50.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: -0.025 min
Response: 3739397
Conc: 48.22 ug/ml m



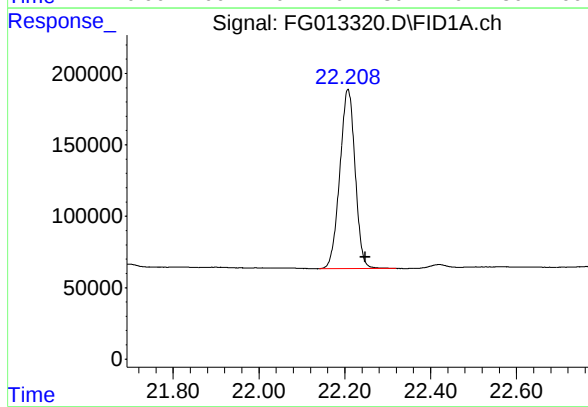
#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: -0.027 min
Response: 3308783
Conc: 47.88 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.207 min
Delta R.T.: -0.040 min
Response: 3100327
Conc: 42.78 ug/ml