

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040325\
 Data File : FG015626.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2025 19:01
 Operator : YP\AJ
 Sample : Q1698-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B-10MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File: autoint1.e
 Quant Time: Apr 04 01:10:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 2025
 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...	15.016	1618693	14.129 ug/ml
Target Compounds			
1) N-OCTANE	1.987	1348454	11.602 ug/ml
2) N-DECANE	4.515	1777707	15.048 ug/ml
3) N-DODECANE	6.697	2820708	23.230 ug/ml
4) N-TETRADECANE	8.533	3563792	28.261 ug/ml
5) N-HEXADECANE	10.147	2722678	21.146 ug/ml
6) N-OCTADECANE	11.595	2661333	20.201 ug/ml
7) N-EICOSANE	12.910	2749322	20.533 ug/ml
8) N-DOCOSANE	14.114	2780708	21.399 ug/ml
10) N-TETRACOSANE	15.221	3239759	25.012 ug/mlm
11) N-HEXACOSANE	16.244	2926336	22.992 ug/ml
12) N-OCTACOSANE	17.197	2910640	23.285 ug/ml
13) N-TRIACONTANE	18.087	2618259	20.917 ug/ml
14) N-DOTRIACONTANE	18.920	2015401	16.982 ug/ml
15) N-TETRATRIACONTANE	19.705	1219624	11.685 ug/ml
16) N-HEXATRIACONTANE	20.445	721559	8.233 ug/ml
17) N-OCTATRIACONTANE	21.185	645769	8.653 ug/ml
18) N-TETRACONTANE	22.109	725943	10.960 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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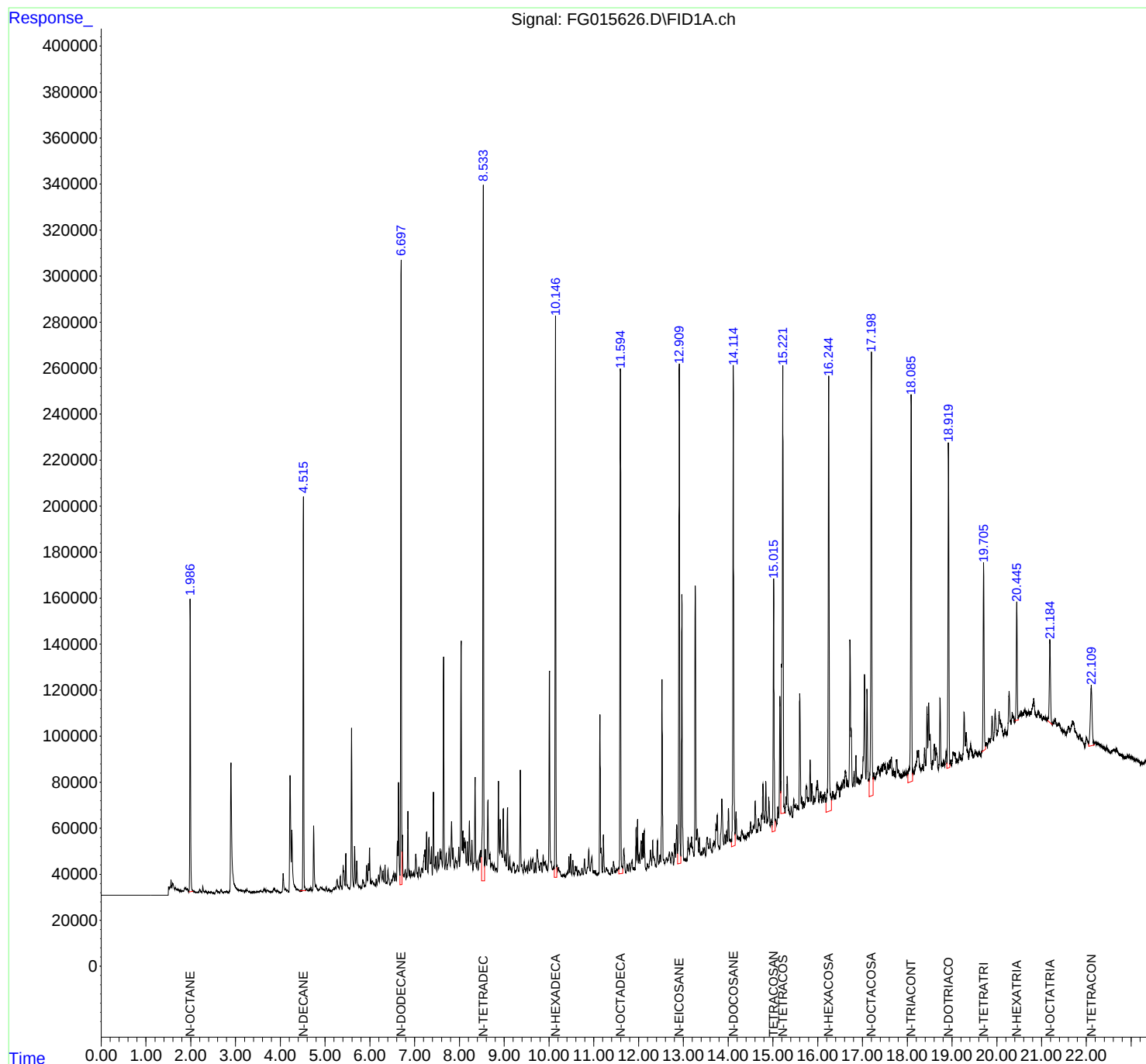
Instrument :
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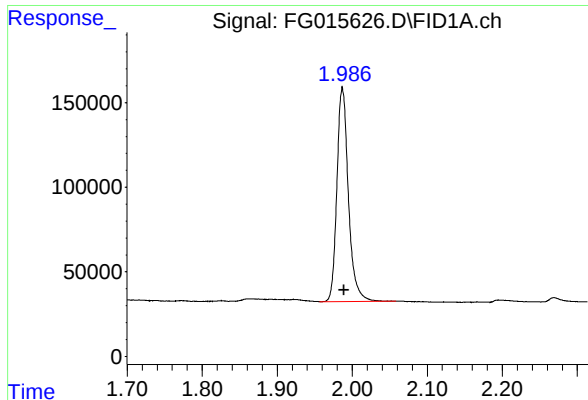
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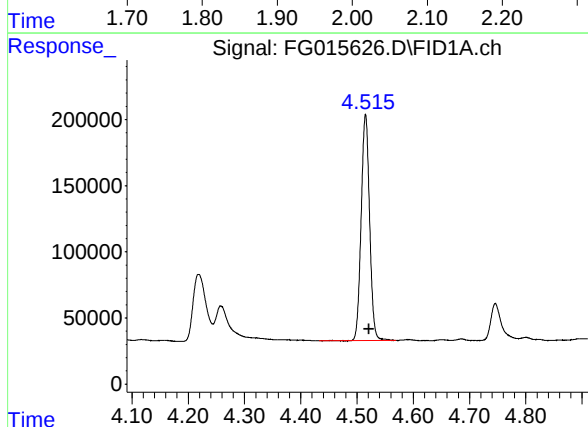
#1 N-OCTANE

R.T.: 1.987 min
Delta R.T.: -0.002 min
Response: 1348454
Conc: 11.60 ug/ml

Instrument :
FID_G
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B-10MSD

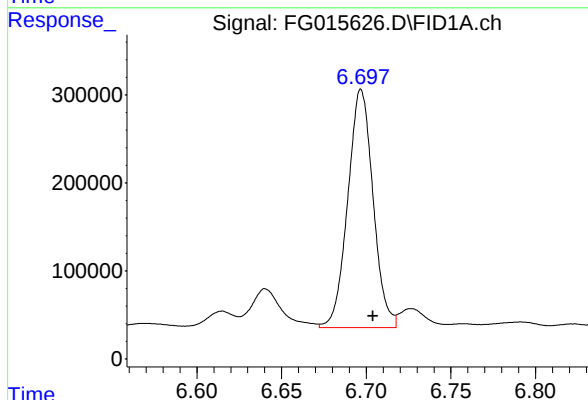
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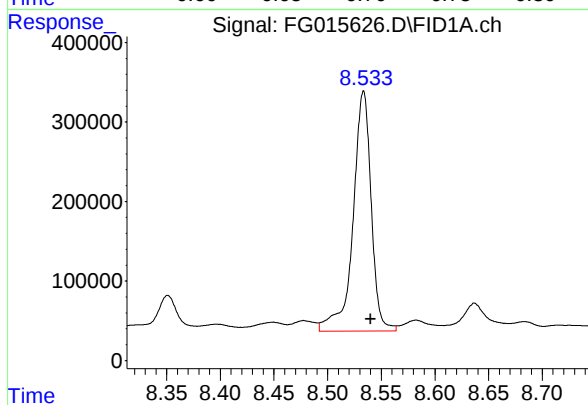
#2 N-DECANE

R.T.: 4.515 min
Delta R.T.: -0.006 min
Response: 1777707
Conc: 15.05 ug/ml



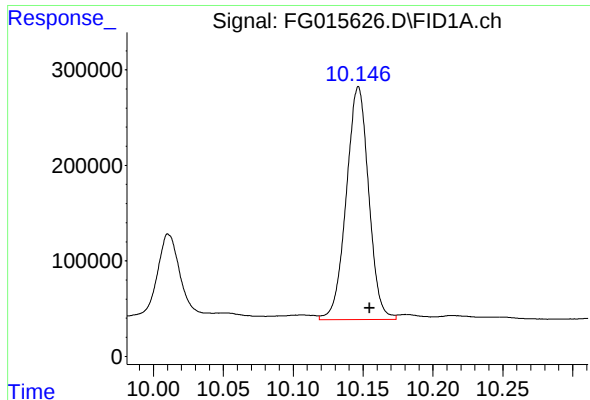
#3 N-DODECANE

R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 2820708
Conc: 23.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 3563792
Conc: 28.26 ug/ml



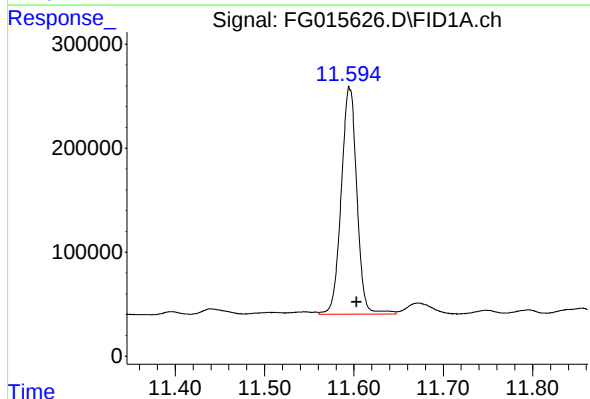
#5 N-HEXADECANE

R.T.: 10.147 min
Delta R.T.: -0.008 min
Response: 2722678
Conc: 21.15 ug/ml

Instrument :
FID_G
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B-10MSD

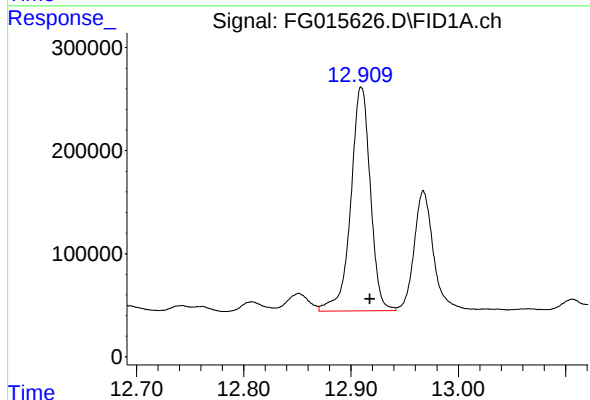
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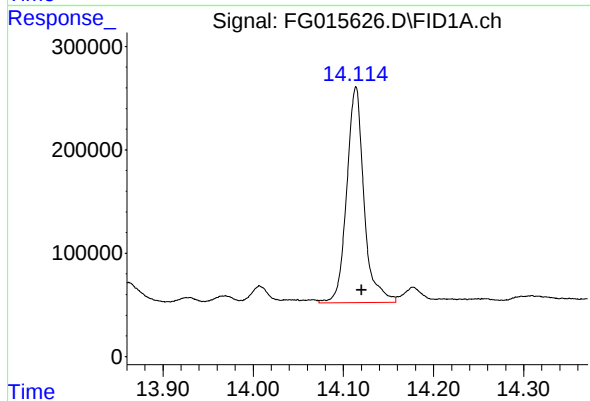
#6 N-OCTADECANE

R.T.: 11.595 min
Delta R.T.: -0.008 min
Response: 2661333
Conc: 20.20 ug/ml



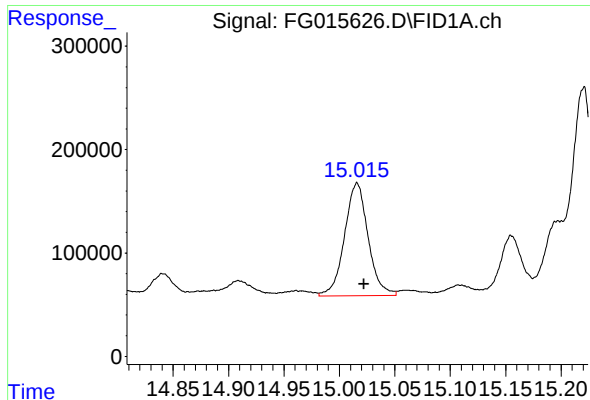
#7 N-EICOSANE

R.T.: 12.910 min
Delta R.T.: -0.008 min
Response: 2749322
Conc: 20.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 2780708
Conc: 21.40 ug/ml



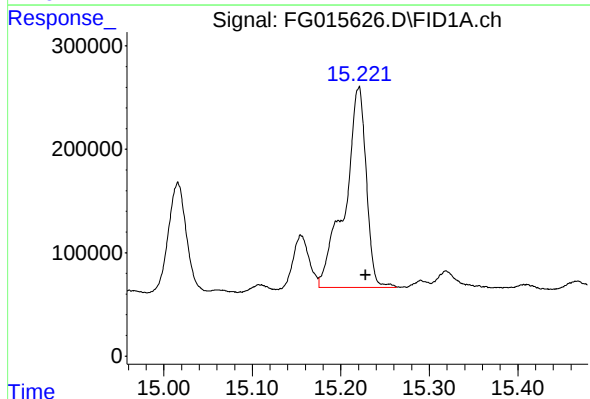
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.016 min
Delta R.T.: -0.006 min
Response: 1618693
Conc: 14.13 ug/ml

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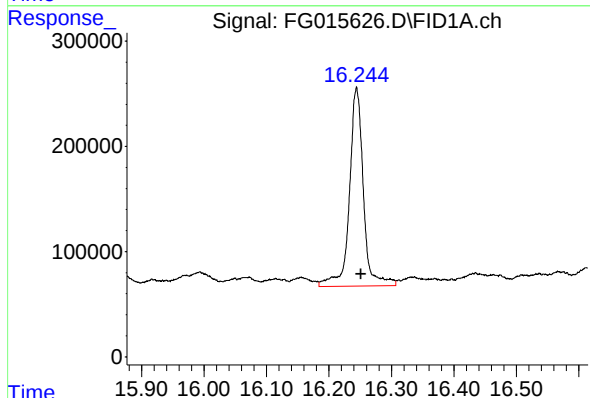
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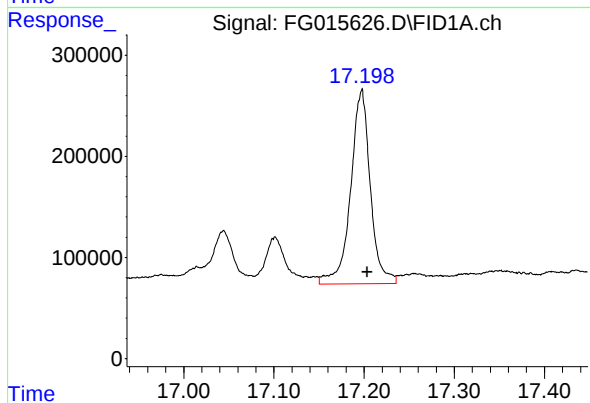
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.007 min
Response: 3239759
Conc: 25.01 ug/ml m



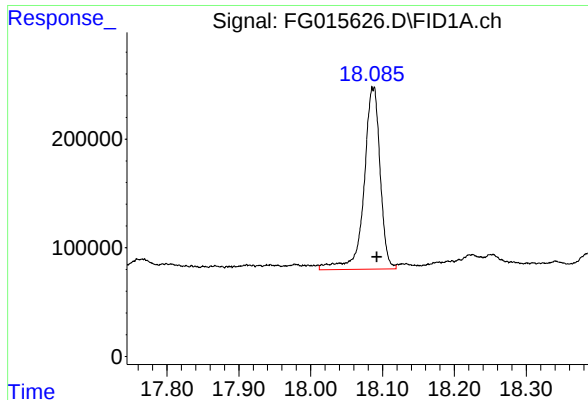
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: -0.007 min
Response: 2926336
Conc: 22.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.197 min
Delta R.T.: -0.006 min
Response: 2910640
Conc: 23.28 ug/ml



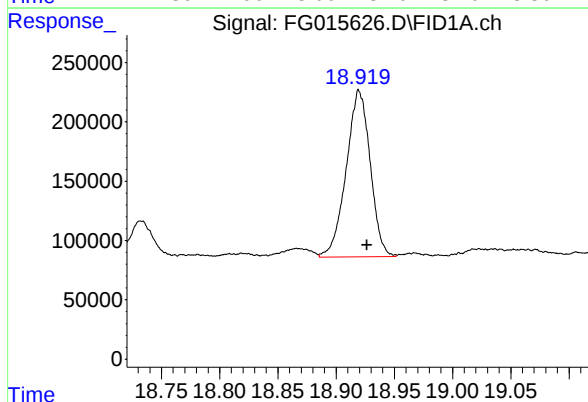
#13 N-TRIACONTANE

R.T.: 18.087 min
Delta R.T.: -0.005 min
Response: 2618259
Conc: 20.92 ug/ml

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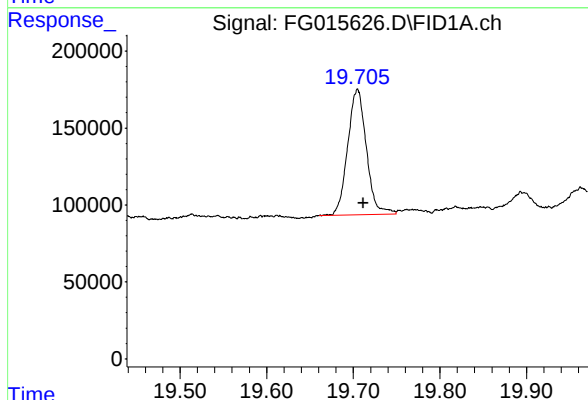
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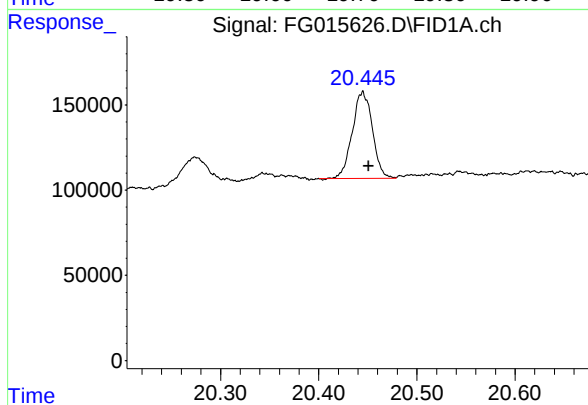
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: -0.007 min
Response: 2015401
Conc: 16.98 ug/ml



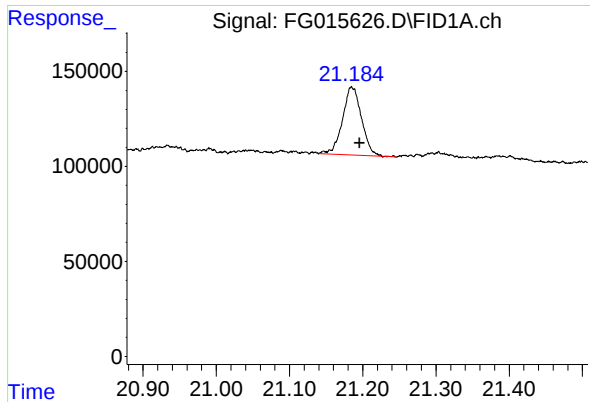
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.007 min
Response: 1219624
Conc: 11.68 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.445 min
Delta R.T.: -0.006 min
Response: 721559
Conc: 8.23 ug/ml



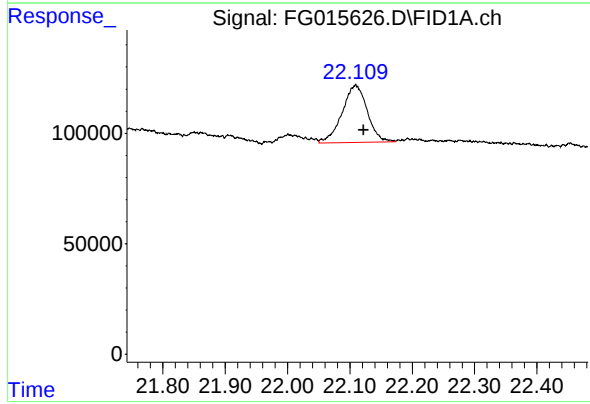
#17 N-OCTATRIACONTANE

R.T.: 21.185 min
Delta R.T.: -0.011 min
Response: 645769
Conc: 8.65 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.109 min
Delta R.T.: -0.013 min
Response: 725943
Conc: 10.96 ug/ml