

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021825\
 Data File : FG015385.D
 Signal(s) : FID1A.ch
 Acq On : 18 Feb 2025 14:15
 Operator : YP\AJ
 Sample : Q1372-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-05-021425MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 19 00:19:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.044	1378838	12.708 ug/ml
Target Compounds			
1) N-OCTANE	1.999	2022391	17.676 ug/ml
2) N-DECANE	4.539	4570155	39.202 ug/ml
3) N-DODECANE	6.725	7684907	63.468 ug/mlm
4) N-TETRADECANE	8.565	9496724	79.771 ug/mlm
5) N-HEXADECANE	10.181	11162042	91.749 ug/mlm
6) N-OCTADECANE	11.630	9441538	75.092 ug/mlm
7) N-EICOSANE	12.941	7525174	61.427 ug/mlm
8) N-DOCOSANE	14.142	4819834	40.034 ug/mlm
10) N-TETRACOSANE	15.247	3185607	26.537 ug/ml
11) N-HEXACOSANE	16.272	2782408	23.710 ug/ml
12) N-OCTACOSANE	17.226	2991347	25.875 ug/ml
13) N-TRIACONTANE	18.117	2762942	24.027 ug/ml
14) N-DOTRIACONTANE	18.952	2694699	23.710 ug/ml
15) N-TETRATRIACONTANE	19.739	2874745	26.740 ug/ml
16) N-HEXATRIACONTANE	20.483	3507851	35.048 ug/ml
17) N-OCTATRIACONTANE	21.235	3322523	33.196 ug/ml
18) N-TETRACONTANE	22.175	4052166	41.076 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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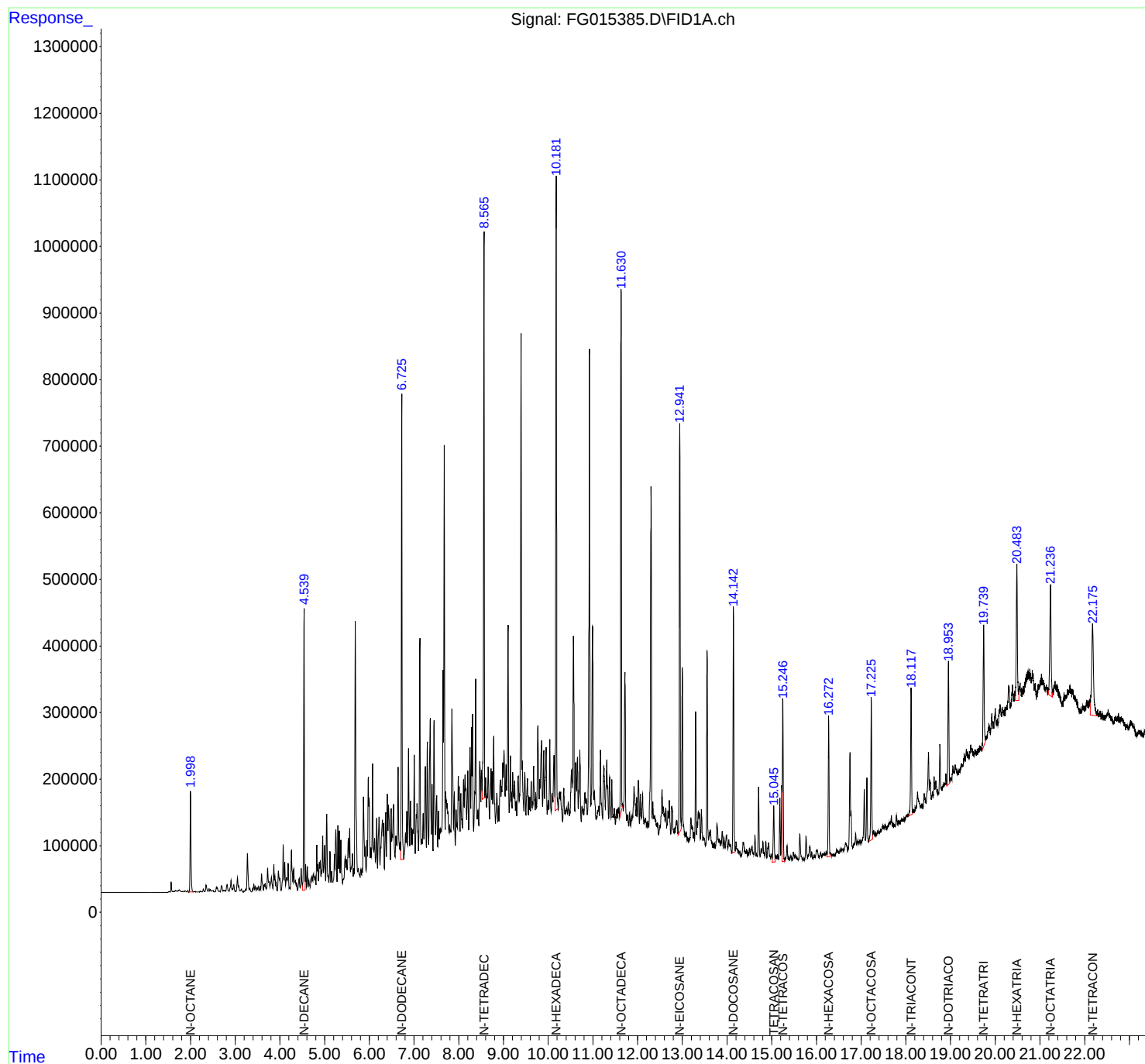
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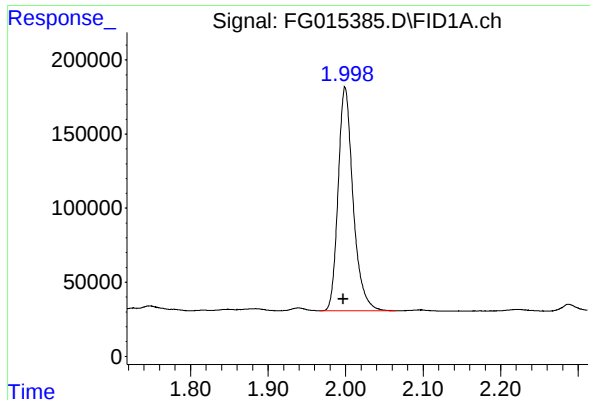
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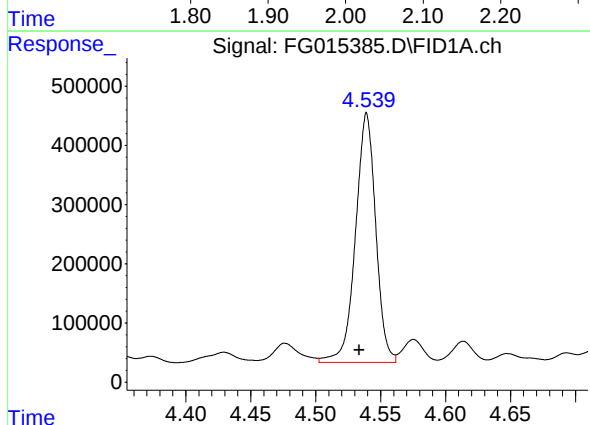
#1 N-OCTANE

R.T.: 1.999 min
Delta R.T.: 0.002 min
Response: 2022391
Conc: 17.68 ug/ml

Instrument : FID_G
ClientSampleId : AU-05-021425MSD

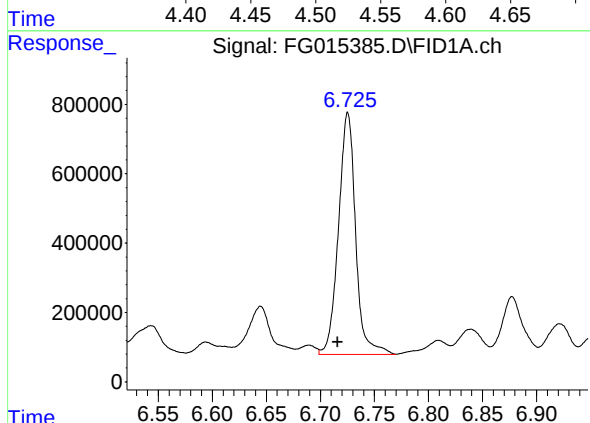
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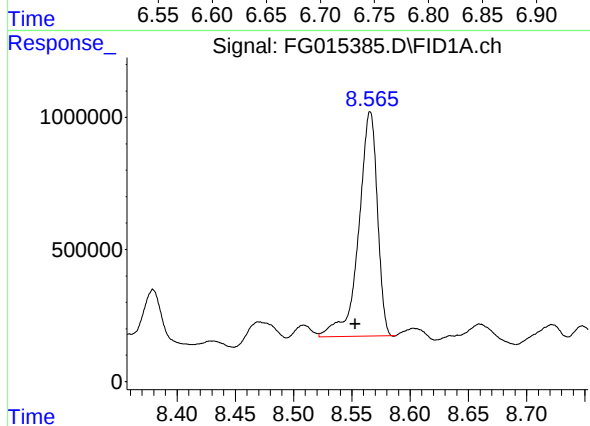
#2 N-DECANE

R.T.: 4.539 min
Delta R.T.: 0.006 min
Response: 4570155
Conc: 39.20 ug/ml



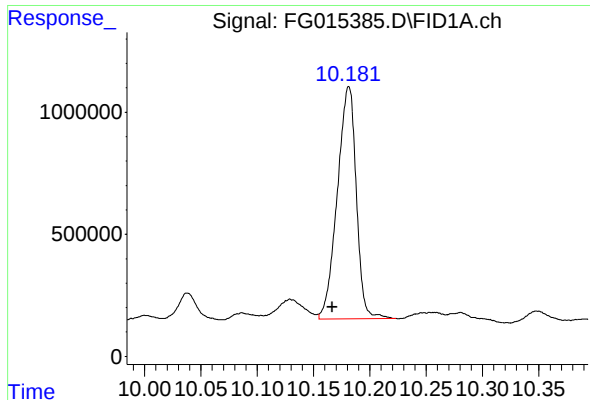
#3 N-DODECANE

R.T.: 6.725 min
Delta R.T.: 0.009 min
Response: 7684907
Conc: 63.47 ug/ml m



#4 N-TETRADECANE

R.T.: 8.565 min
Delta R.T.: 0.012 min
Response: 9496724
Conc: 79.77 ug/ml m



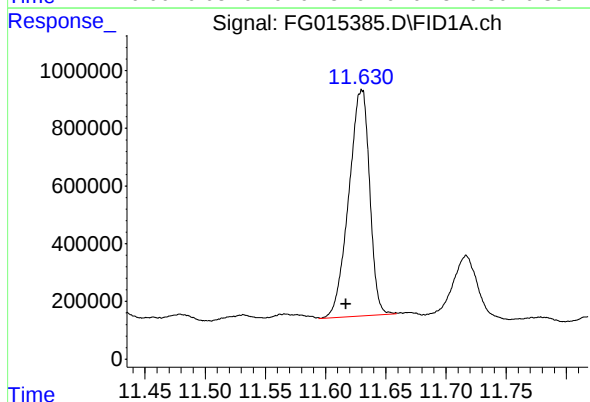
#5 N-HEXADECANE

R.T.: 10.181 min
Delta R.T.: 0.014 min
Response: 11162042
Conc: 91.75 ug/ml

Instrument :
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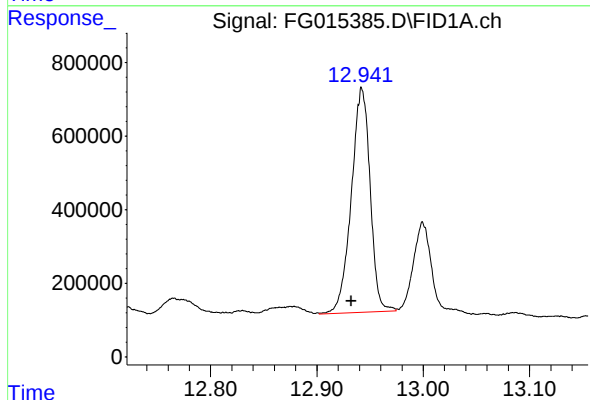
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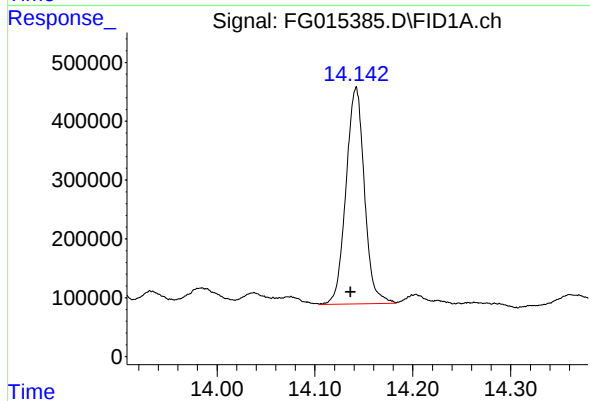
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: 0.013 min
Response: 9441538
Conc: 75.09 ug/ml



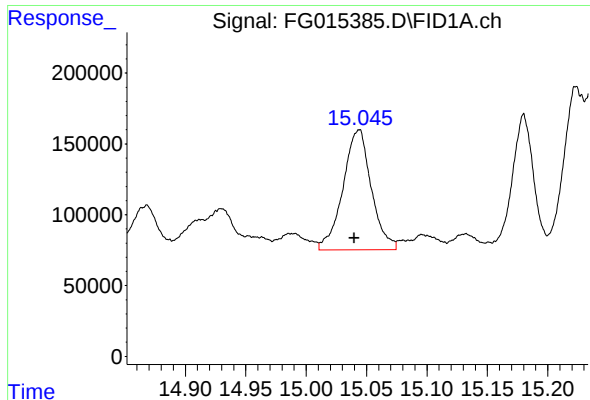
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: 0.009 min
Response: 7525174
Conc: 61.43 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.006 min
Response: 4819834
Conc: 40.03 ug/ml



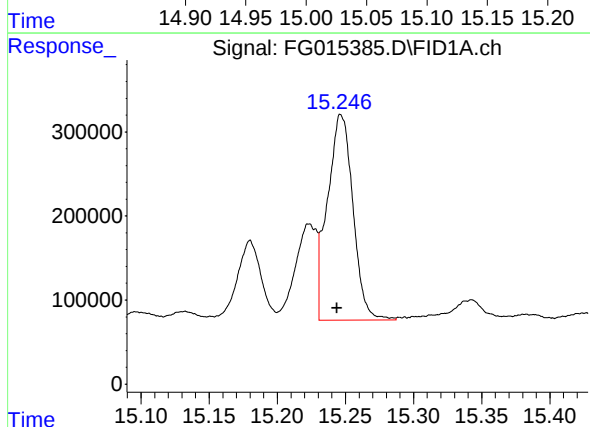
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.044 min
Delta R.T.: 0.004 min
Response: 1378838
Conc: 12.71 ug/ml

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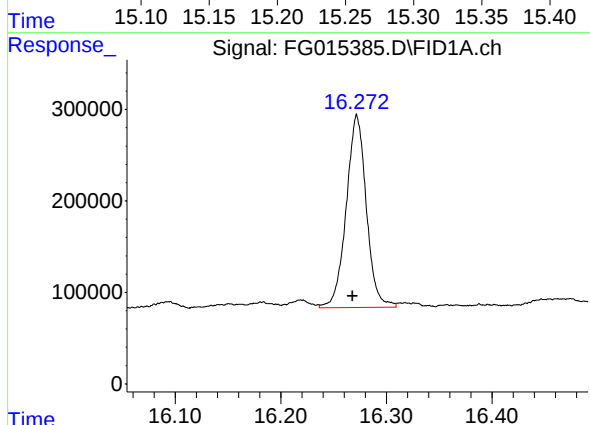
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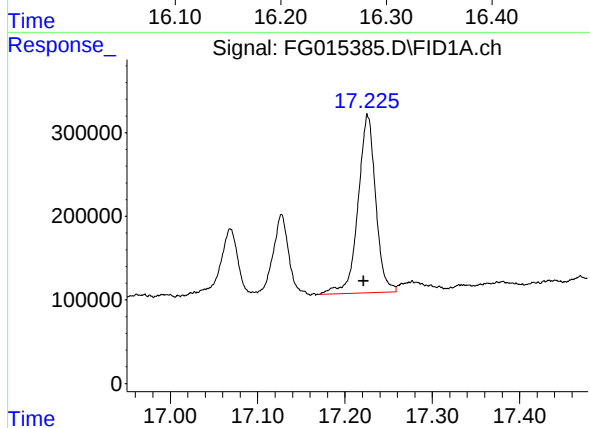
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: 0.003 min
Response: 3185607
Conc: 26.54 ug/ml



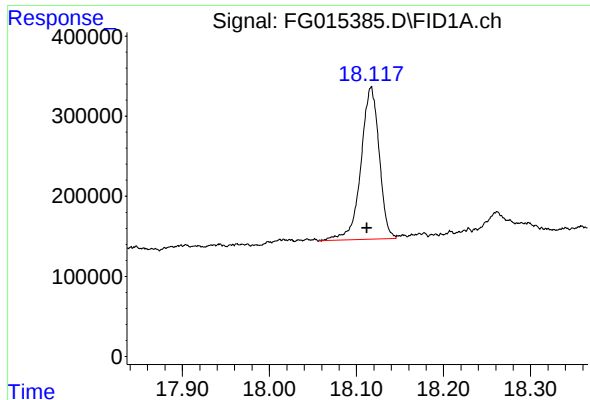
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: 0.004 min
Response: 2782408
Conc: 23.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: 0.005 min
Response: 2991347
Conc: 25.87 ug/ml



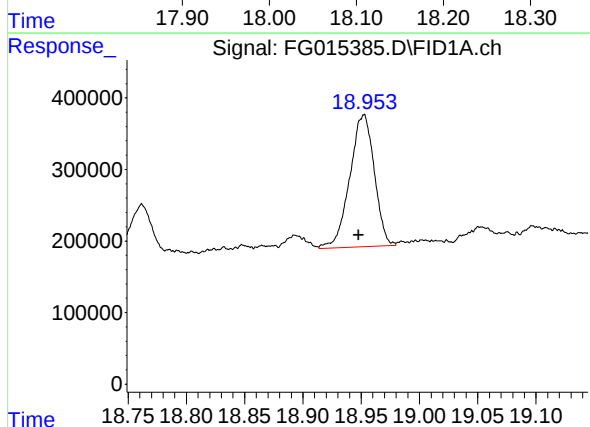
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: 0.005 min
Response: 2762942
Conc: 24.03 ug/ml

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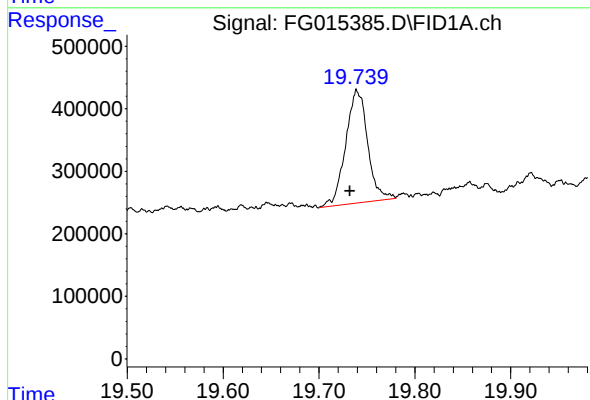
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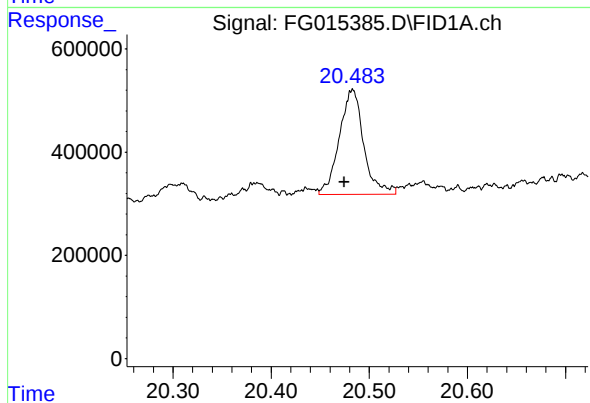
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: 0.004 min
Response: 2694699
Conc: 23.71 ug/ml



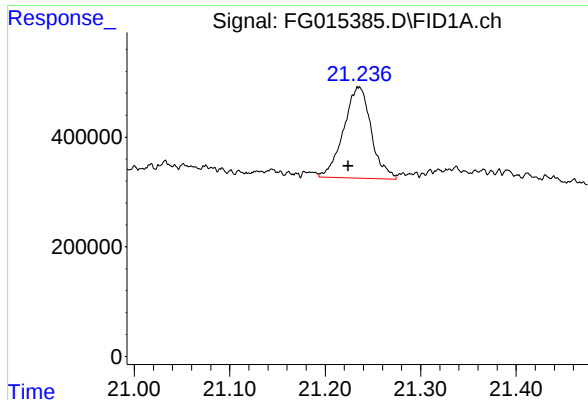
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: 0.007 min
Response: 2874745
Conc: 26.74 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.483 min
Delta R.T.: 0.008 min
Response: 3507851
Conc: 35.05 ug/ml



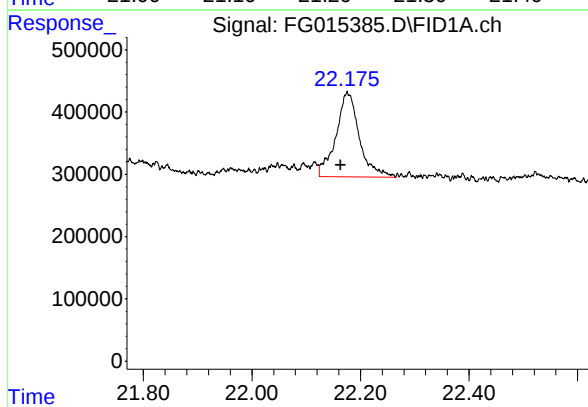
#17 N-OCTATRIACONTANE

R.T.: 21.235 min
Delta R.T.: 0.011 min
Response: 3322523
Conc: 33.20 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.175 min
Delta R.T.: 0.012 min
Response: 4052166
Conc: 41.08 ug/ml