

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
 Data File : FG015401.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 12:26
 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 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 26 00:27:23 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...	15.048	5779435	53.267 ug/ml
Target Compounds			
1) N-OCTANE	1.999	5746006	50.222 ug/ml
2) N-DECANE	4.540	6276520	53.839 ug/ml
3) N-DODECANE	6.724	6622672	54.696 ug/ml
4) N-TETRADECANE	8.561	6513239	54.710 ug/ml
5) N-HEXADECANE	10.176	6618726	54.404 ug/ml
6) N-OCTADECANE	11.626	6768807	53.835 ug/ml
7) N-EICOSANE	12.941	6552967	53.491 ug/ml
8) N-DOCOSANE	14.144	6417810	53.306 ug/ml
10) N-TETRACOSANE	15.252	6379884	53.145 ug/ml
11) N-HEXACOSANE	16.277	6253482	53.288 ug/ml
12) N-OCTACOSANE	17.230	6184985	53.499 ug/ml
13) N-TRIACONTANE	18.119	6202422	53.937 ug/ml
14) N-DOTRIACONTANE	18.954	5889258	51.817 ug/ml
15) N-TETRATRIACONTANE	19.739	4921753	45.780 ug/ml
16) N-HEXATRIACONTANE	20.477	3894178	38.908 ug/mlm
17) N-OCTATRIACONTANE	21.226	3557991	35.549 ug/ml
18) N-TETRACONTANE	22.165	3380164	34.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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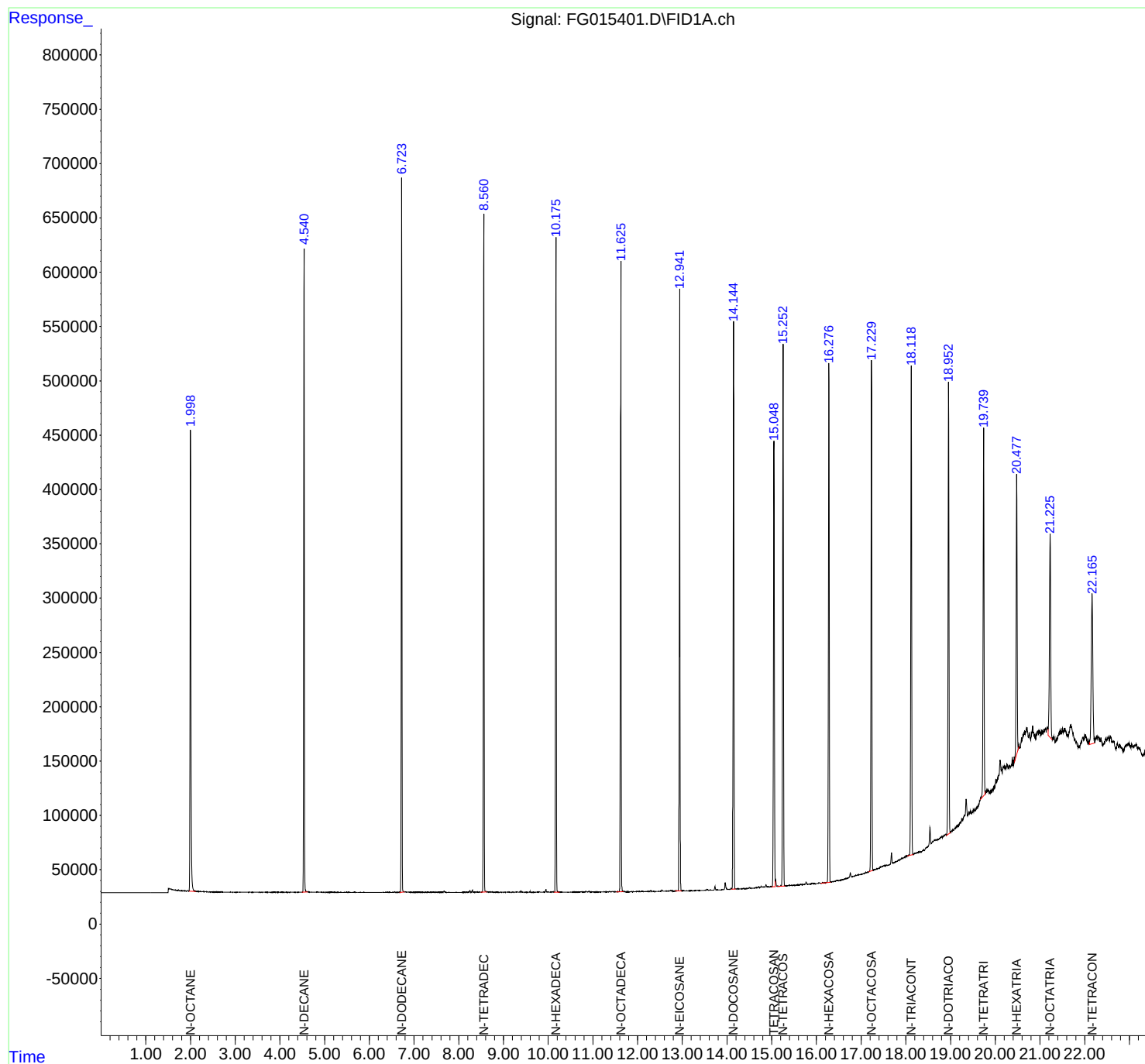
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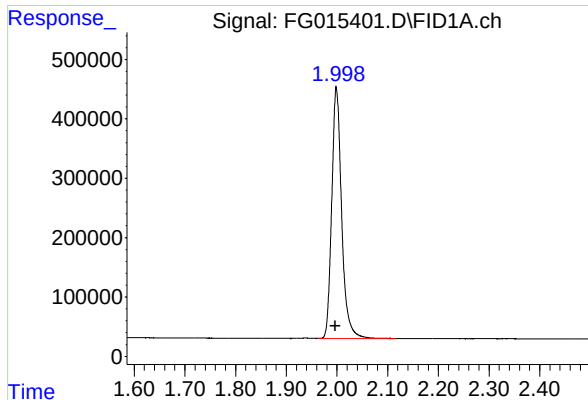
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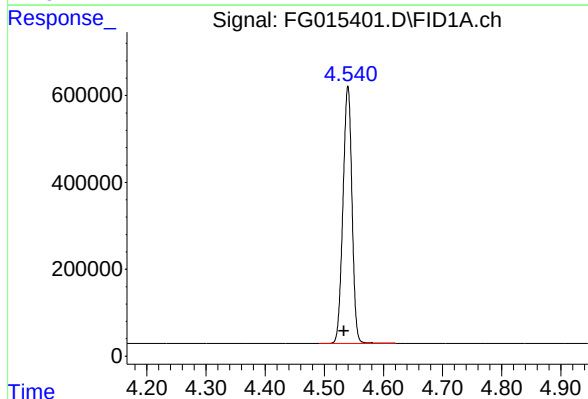
#1 N-OCTANE

R.T.: 1.999 min
Delta R.T.: 0.002 min
Response: 5746006
Conc: 50.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

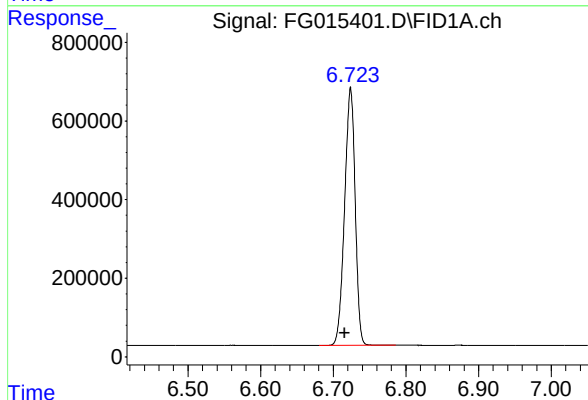
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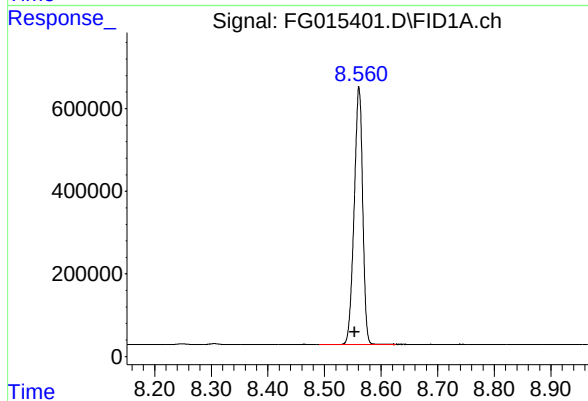
#2 N-DECANE

R.T.: 4.540 min
Delta R.T.: 0.006 min
Response: 6276520
Conc: 53.84 ug/ml



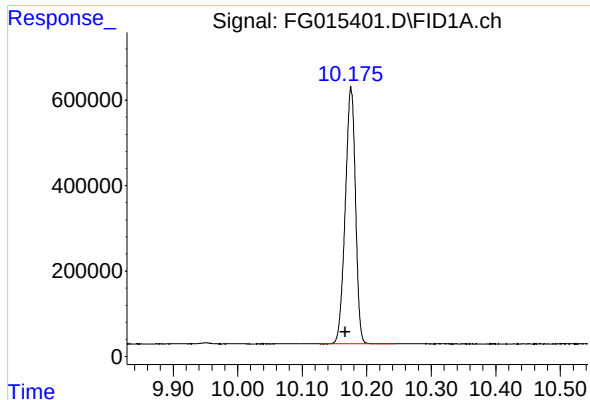
#3 N-DODECANE

R.T.: 6.724 min
Delta R.T.: 0.008 min
Response: 6622672
Conc: 54.70 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: 0.008 min
Response: 6513239
Conc: 54.71 ug/ml



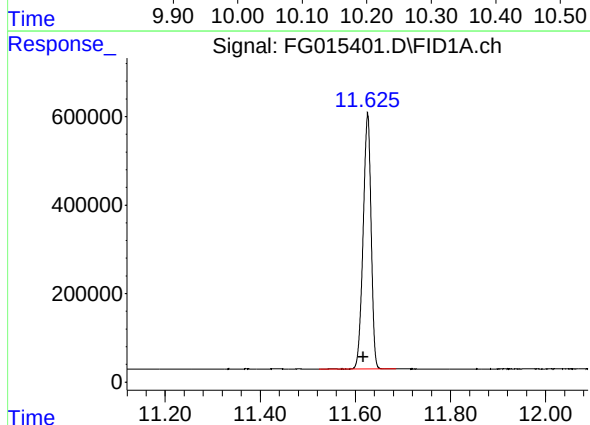
#5 N-HEXADECANE

R.T.: 10.176 min
Delta R.T.: 0.009 min
Response: 6618726
Conc: 54.40 ug/ml

Instrument :
FID_G
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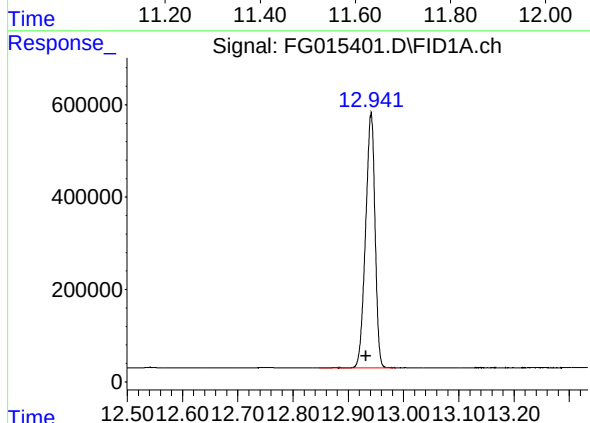
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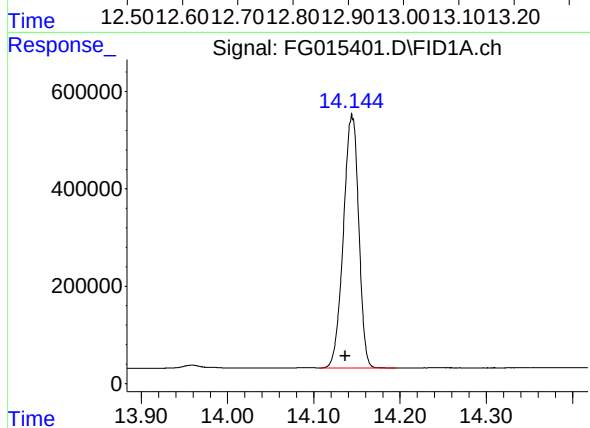
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: 0.009 min
Response: 6768807
Conc: 53.83 ug/ml



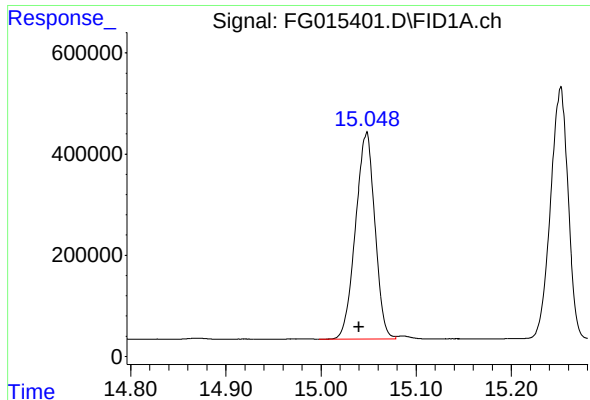
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: 0.009 min
Response: 6552967
Conc: 53.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: 0.008 min
Response: 6417810
Conc: 53.31 ug/ml



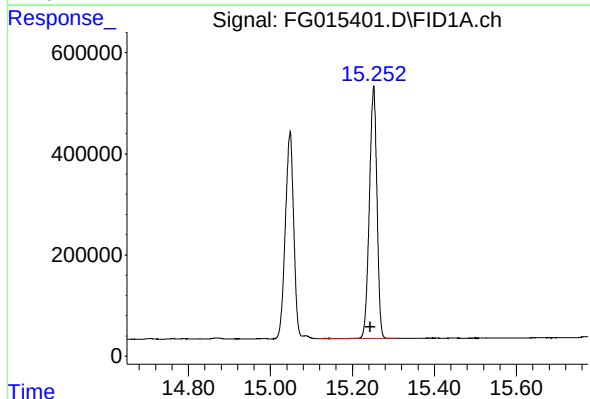
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: 0.008 min
Response: 5779435
Conc: 53.27 ug/ml

Instrument :
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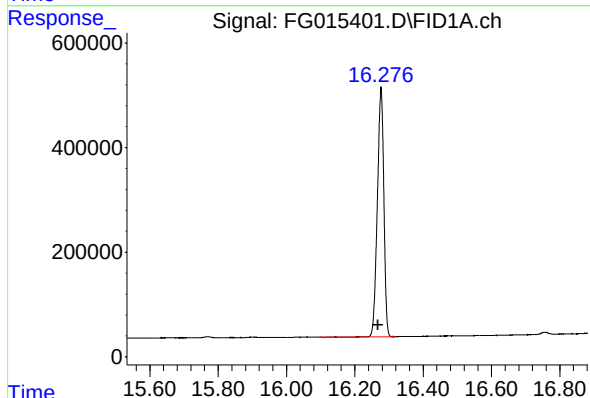
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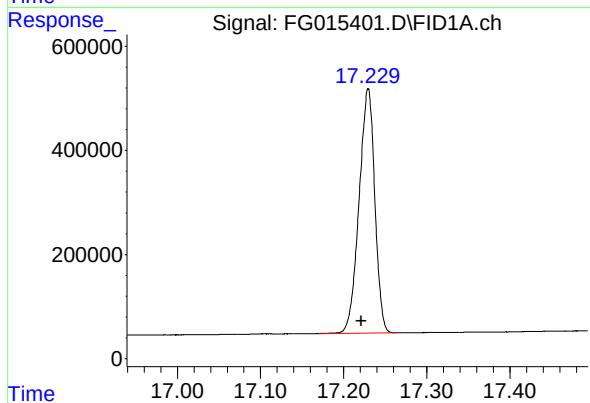
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: 0.008 min
Response: 6379884
Conc: 53.15 ug/ml



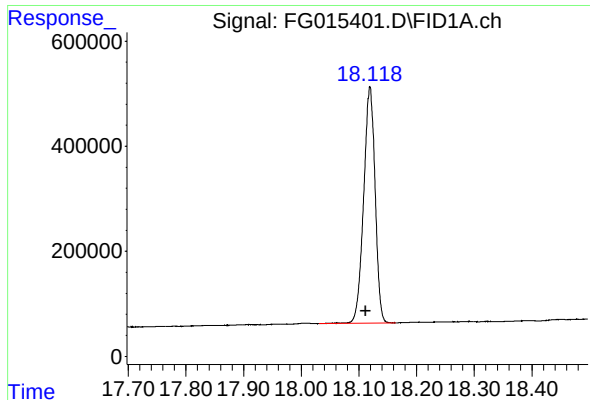
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: 0.009 min
Response: 6253482
Conc: 53.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: 0.008 min
Response: 6184985
Conc: 53.50 ug/ml



#13 N-TRIACONTANE

R.T.: 18.119 min
Delta R.T.: 0.007 min
Response: 6202422
Conc: 53.94 ug/ml

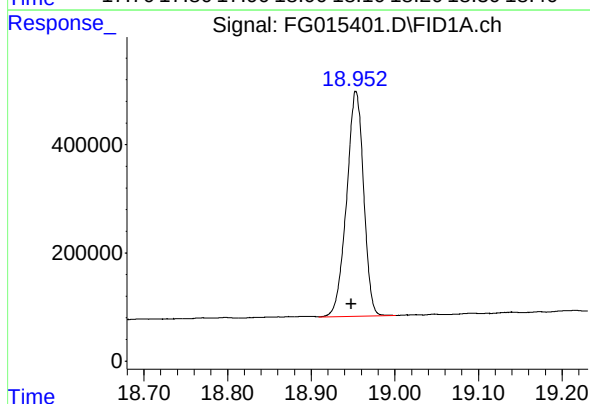
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

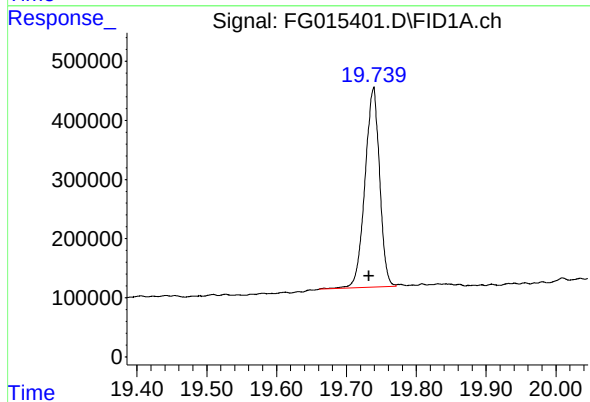
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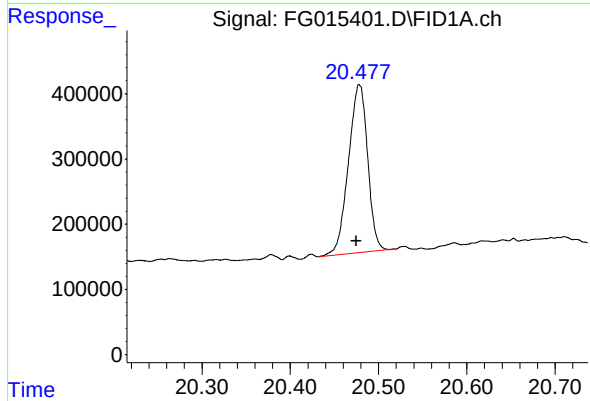
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: 0.006 min
Response: 5889258
Conc: 51.82 ug/ml



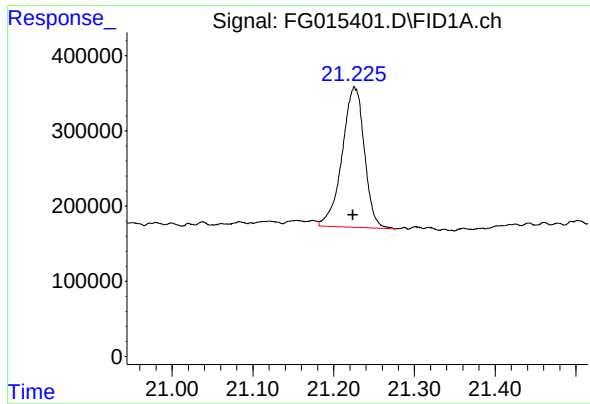
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: 0.006 min
Response: 4921753
Conc: 45.78 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.477 min
Delta R.T.: 0.002 min
Response: 3894178
Conc: 38.91 ug/ml m



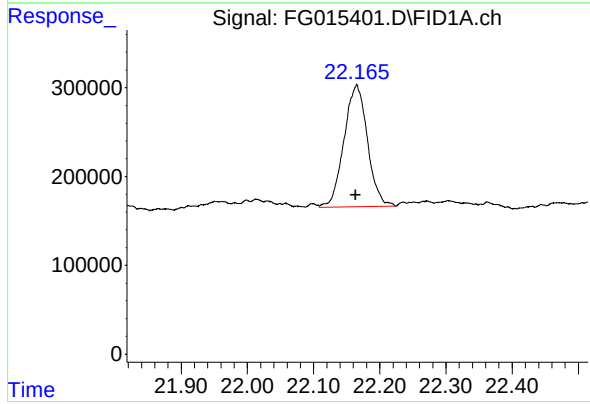
#17 N-OCTATRIACONTANE

R.T.: 21.226 min
Delta R.T.: 0.002 min
Response: 3557991
Conc: 35.55 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.165 min
Delta R.T.: 0.002 min
Response: 3380164
Conc: 34.26 ug/ml