

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041123\
 Data File : FG011773.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2023 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 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
 Quant Time: Apr 12 03:43:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 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...	15.046	4352594	43.243 ug/ml
Target Compounds			
1) N-OCTANE	2.044	5192894	44.124 ug/ml
2) N-DECANE	4.567	5620255	46.504 ug/ml
3) N-DODECANE	6.740	5687741	46.611 ug/ml
4) N-TETRADECANE	8.571	5629008	46.257 ug/ml
5) N-HEXADECANE	10.183	5638584	45.727 ug/ml
6) N-OCTADECANE	11.629	5504600	45.069 ug/ml
7) N-EICOSANE	12.943	5304419	44.146 ug/ml
8) N-DOCOSANE	14.144	4990846	43.508 ug/ml
10) N-TETRACOSANE	15.251	4907090	43.441 ug/ml
11) N-HEXACOSANE	16.274	4730361	43.803 ug/ml
12) N-OCTACOSANE	17.226	4637349	44.722 ug/ml
13) N-TRIACONTANE	18.117	4557936	45.993 ug/ml
14) N-DOTRIACONTANE	18.952	4422356	47.683 ug/ml
15) N-TETRATRIACONTANE	19.739	4283110	50.804 ug/ml
16) N-HEXATRIACONTANE	20.480	4242223	55.105 ug/mlm
17) N-OCTATRIACONTANE	21.232	4258238	56.558 ug/ml
18) N-TETRACONTANE	22.168	4198269	57.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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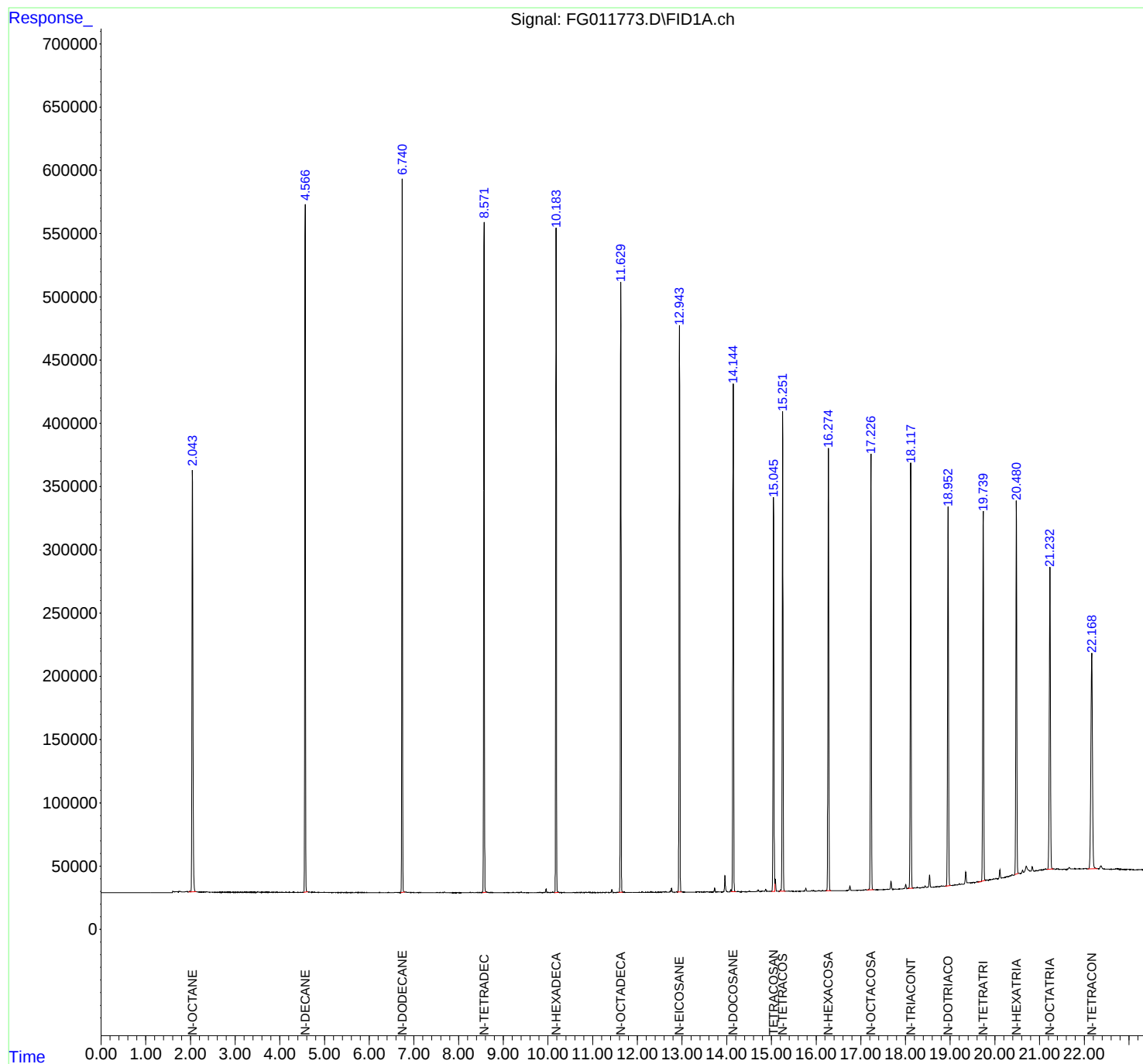
Instrument :
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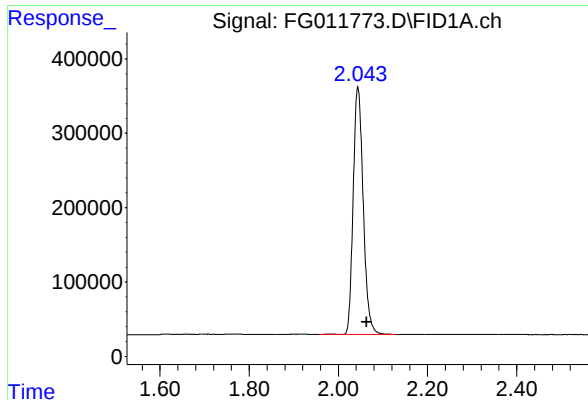
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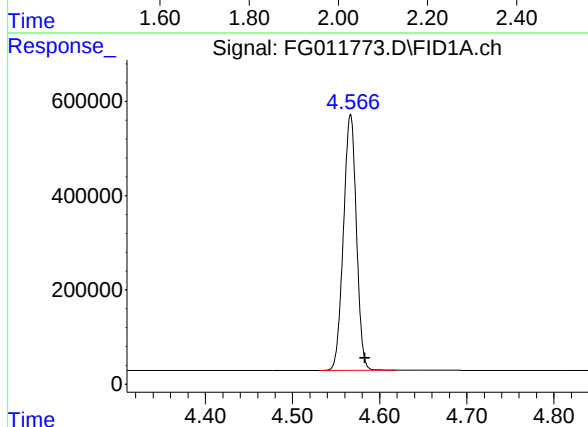
#1 N-OCTANE

R.T.: 2.044 min
Delta R.T.: -0.020 min
Response: 5192894
Conc: 44.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

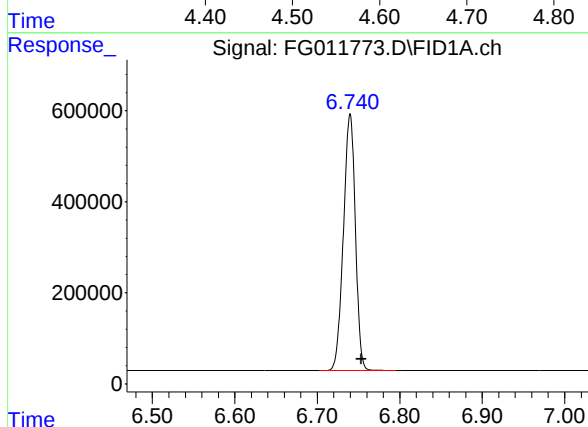
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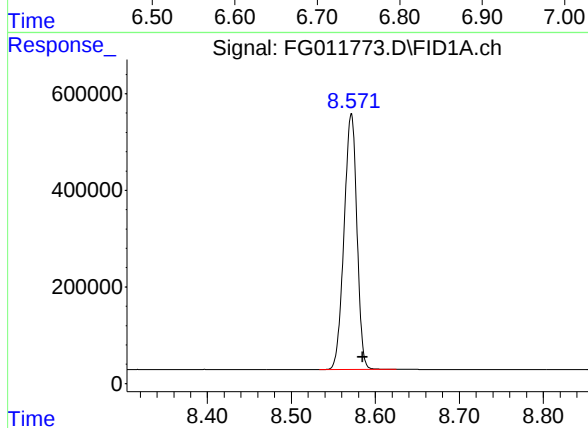
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: -0.016 min
Response: 5620255
Conc: 46.50 ug/ml



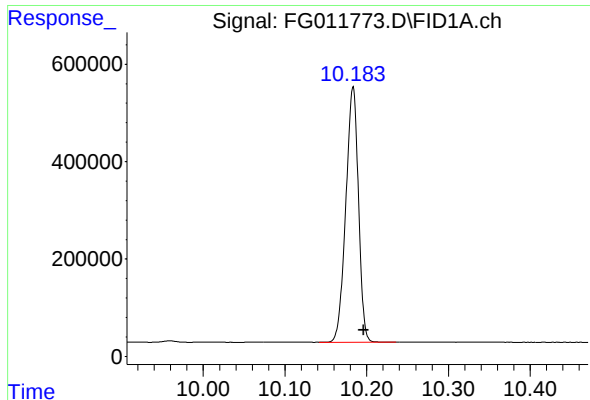
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 5687741
Conc: 46.61 ug/ml



#4 N-TETRADECANE

R.T.: 8.571 min
Delta R.T.: -0.013 min
Response: 5629008
Conc: 46.26 ug/ml



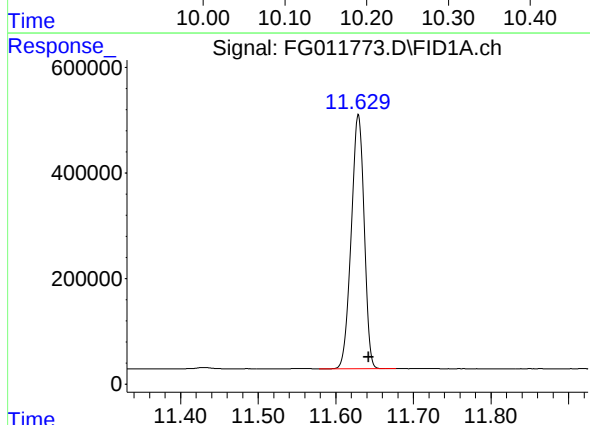
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: -0.013 min
Response: 5638584
Conc: 45.73 ug/ml

Instrument :
FID_G
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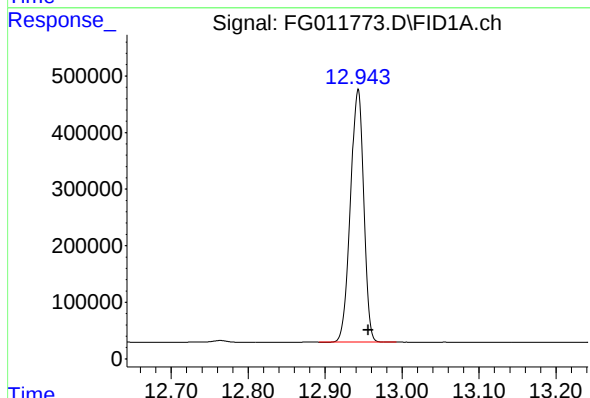
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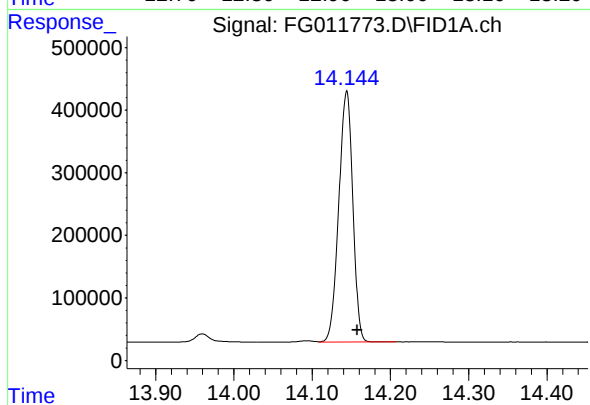
#6 N-OCTADECANE

R.T.: 11.629 min
Delta R.T.: -0.014 min
Response: 5504600
Conc: 45.07 ug/ml



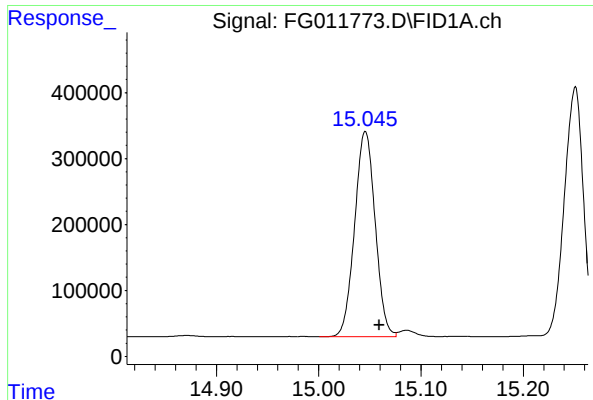
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.013 min
Response: 5304419
Conc: 44.15 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.014 min
Response: 4990846
Conc: 43.51 ug/ml



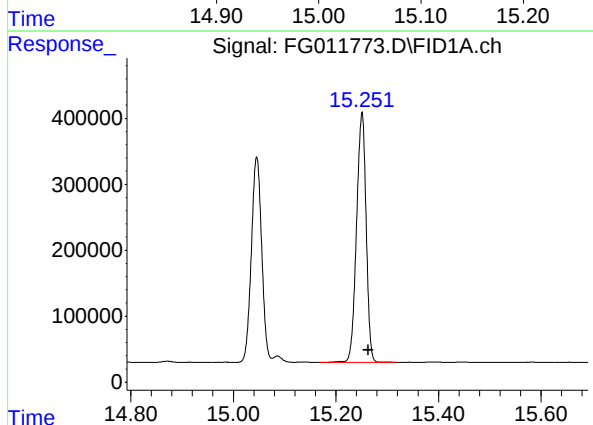
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.013 min
Response: 4352594
Conc: 43.24 ug/ml

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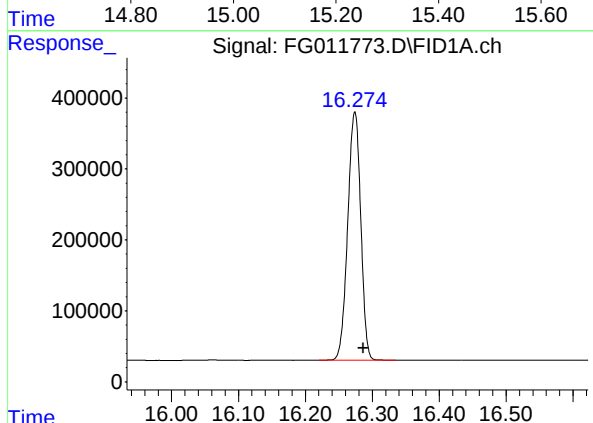
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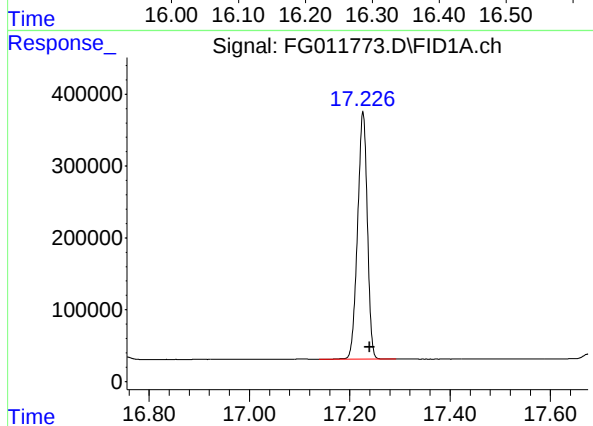
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.012 min
Response: 4907090
Conc: 43.44 ug/ml



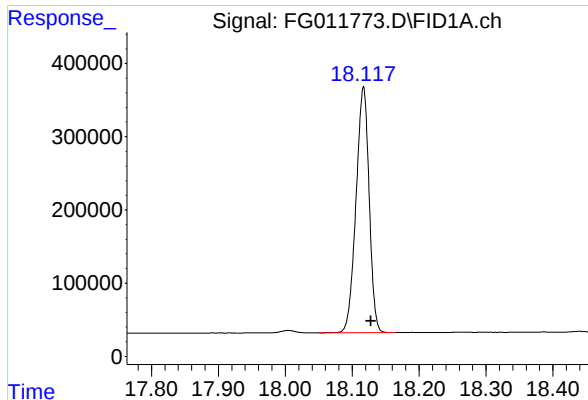
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.012 min
Response: 4730361
Conc: 43.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.013 min
Response: 4637349
Conc: 44.72 ug/ml



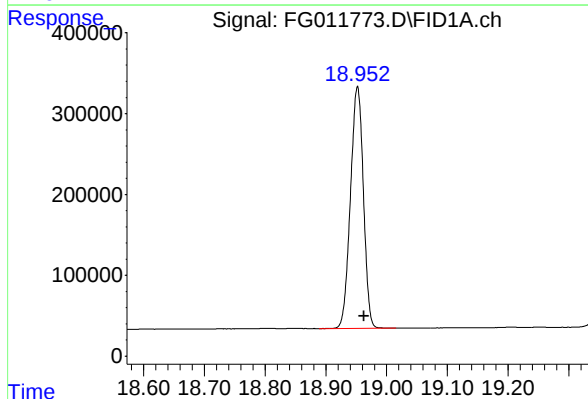
#13 N-TRIACONTANE

R.T.: 18.117 min
Delta R.T.: -0.011 min
Response: 4557936
Conc: 45.99 ug/ml

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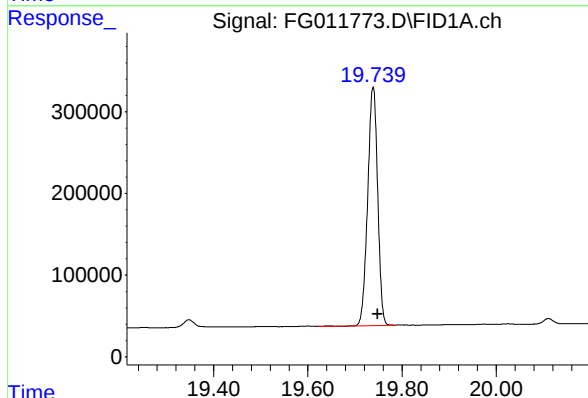
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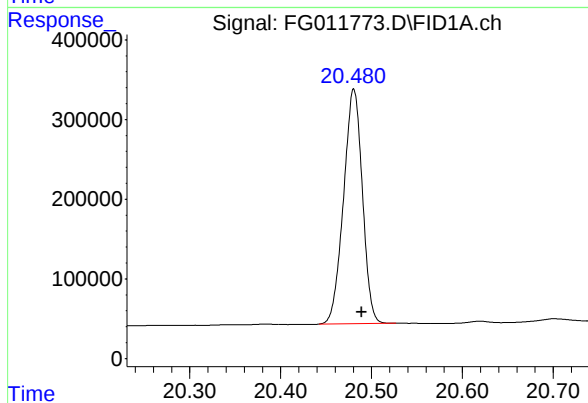
#14 N-DOTRIACONTANE

R.T.: 18.952 min
Delta R.T.: -0.010 min
Response: 4422356
Conc: 47.68 ug/ml



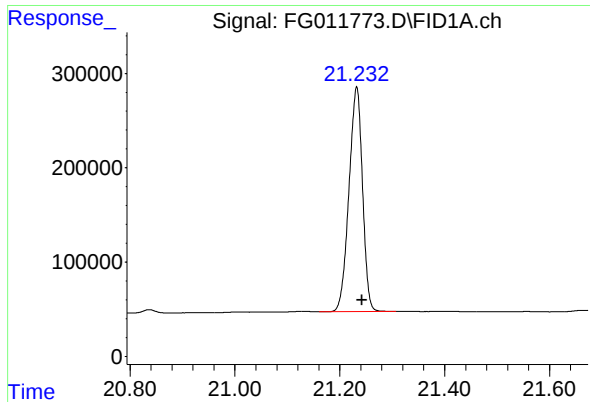
#15 N-TETRATRIACONTANE

R.T.: 19.739 min
Delta R.T.: -0.010 min
Response: 4283110
Conc: 50.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.480 min
Delta R.T.: -0.009 min
Response: 4242223
Conc: 55.11 ug/ml m



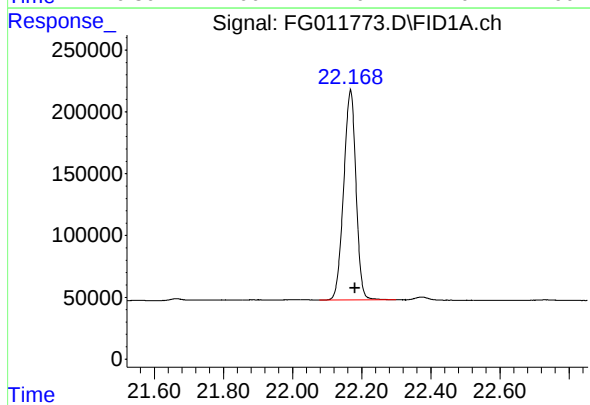
#17 N-OCTATRIACONTANE

R.T.: 21.232 min
Delta R.T.: -0.010 min
Response: 4258238
Conc: 56.56 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.168 min
Delta R.T.: -0.013 min
Response: 4198269
Conc: 57.20 ug/ml