

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120924\
 Data File : FG014940.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 11:29
 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 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 01:43:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.043	5181875	44.904 ug/mlm
Target Compounds			
1) N-OCTANE	2.052	4924988	37.144 ug/ml
2) N-DECANE	4.567	5911782	44.303 ug/ml
3) N-DODECANE	6.739	6000319	43.609 ug/ml
4) N-TETRADECANE	8.571	5999183	45.000 ug/ml
5) N-HEXADECANE	10.184	5969196	44.351 ug/ml
6) N-OCTADECANE	11.630	6033358	43.947 ug/ml
7) N-EICOSANE	12.943	6055105	45.693 ug/ml
8) N-DOCOSANE	14.142	5820440	45.113 ug/ml
10) N-TETRACOSANE	15.249	5751935	45.420 ug/ml
11) N-HEXACOSANE	16.271	5676308	46.135 ug/ml
12) N-OCTACOSANE	17.222	5668476	46.855 ug/ml
13) N-TRIACONTANE	18.111	5881145	49.047 ug/ml
14) N-DOTRIACONTANE	18.945	5828611	50.110 ug/ml
15) N-TETRATRIACONTANE	19.727	5505436	54.583 ug/ml
16) N-HEXATRIACONTANE	20.467	4982262	61.438 ug/ml
17) N-OCTATRIACONTANE	21.216	4575596	66.252 ug/ml
18) N-TETRACONTANE	22.150	4259681	69.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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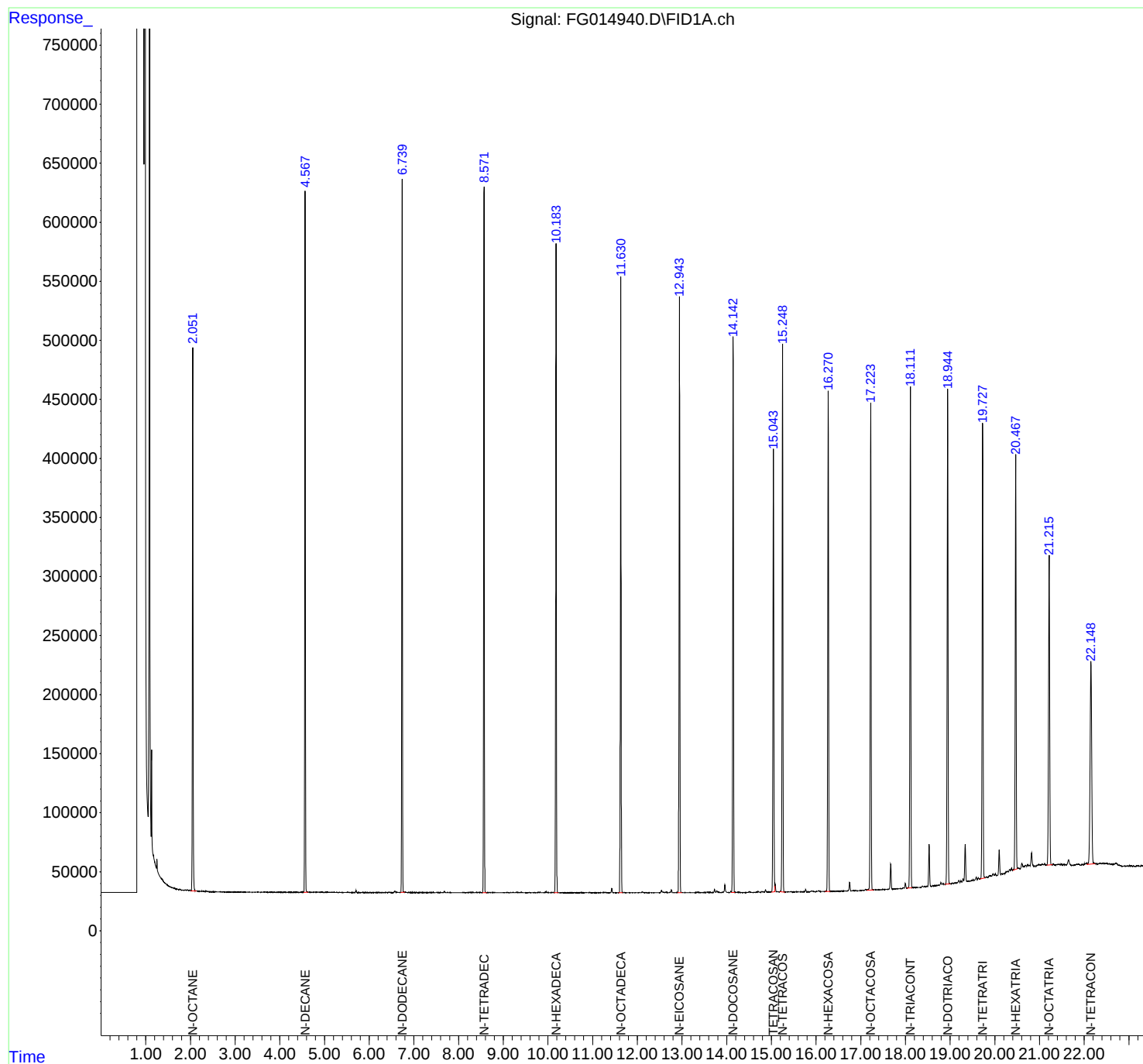
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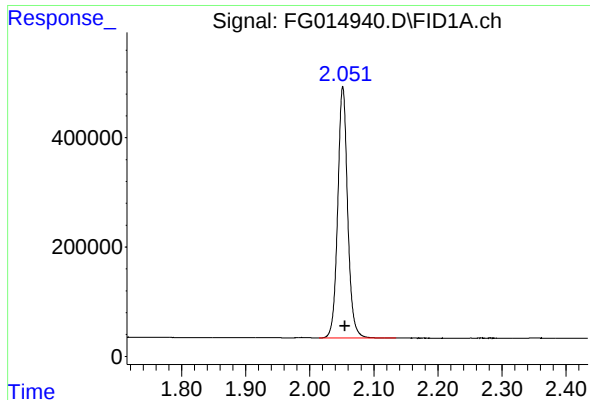
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





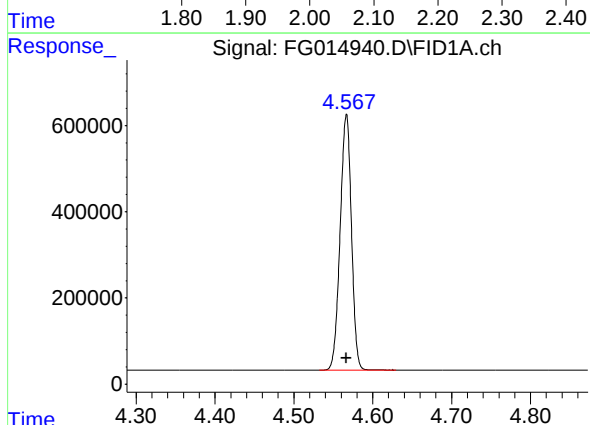
#1 N-OCTANE

R.T.: 2.052 min
Delta R.T.: -0.003 min
Response: 4924988
Conc: 37.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

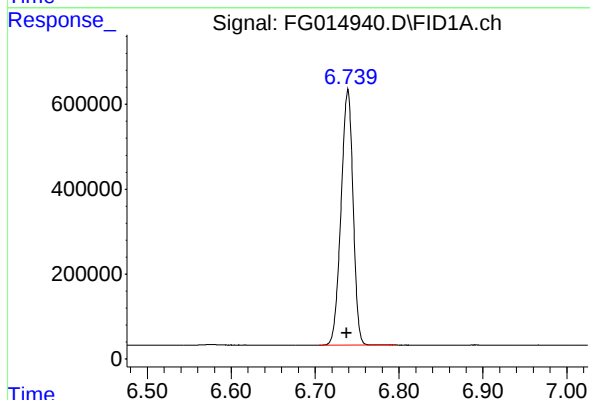
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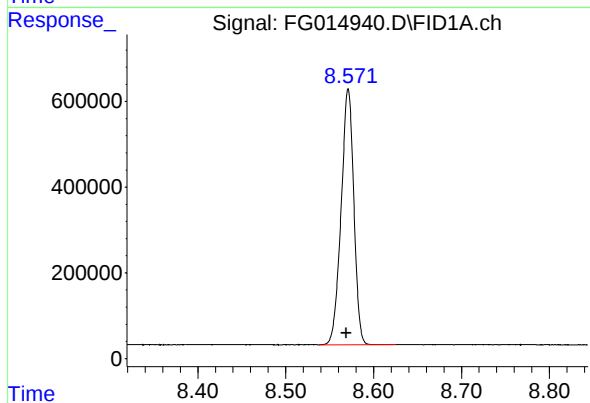
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 5911782
Conc: 44.30 ug/ml



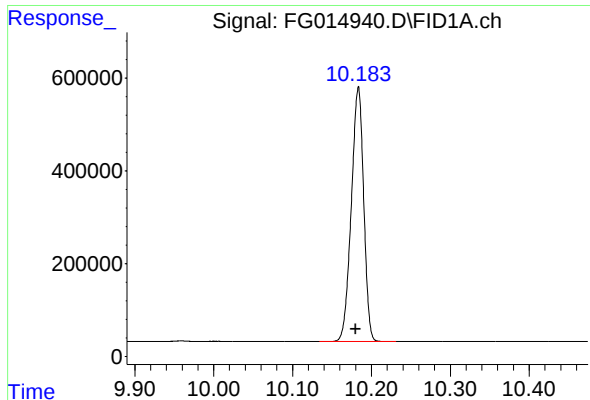
#3 N-DODECANE

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 6000319
Conc: 43.61 ug/ml



#4 N-TETRADECANE

R.T.: 8.571 min
Delta R.T.: 0.002 min
Response: 5999183
Conc: 45.00 ug/ml



#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: 0.004 min
Response: 5969196
Conc: 44.35 ug/ml

Instrument :

FID_G

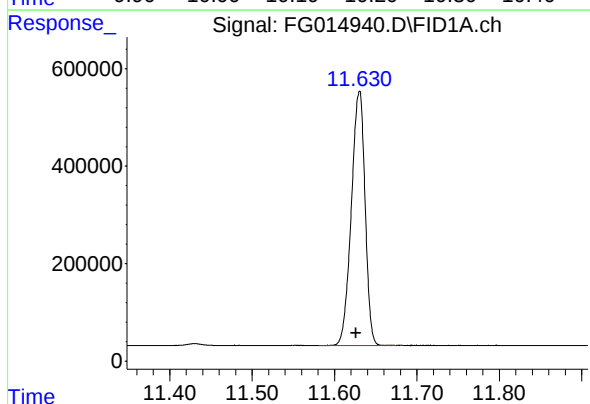
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

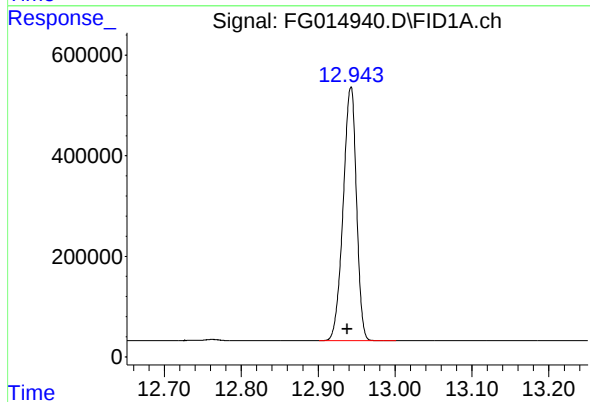
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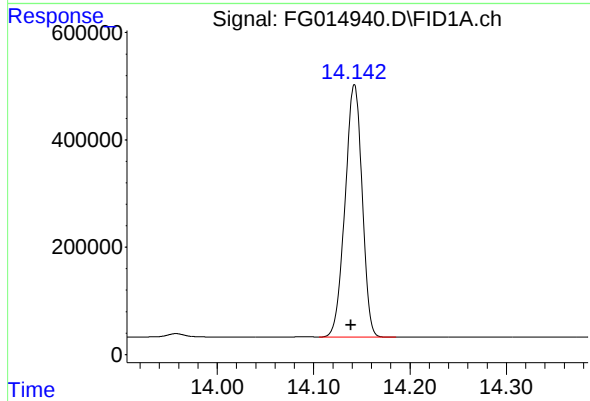
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: 0.004 min
Response: 6033358
Conc: 43.95 ug/ml



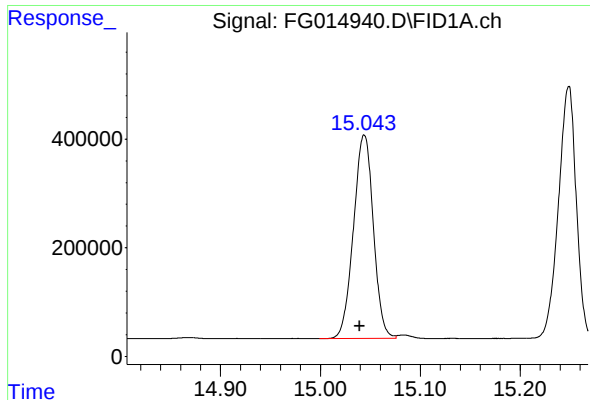
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: 0.005 min
Response: 6055105
Conc: 45.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 5820440
Conc: 45.11 ug/ml



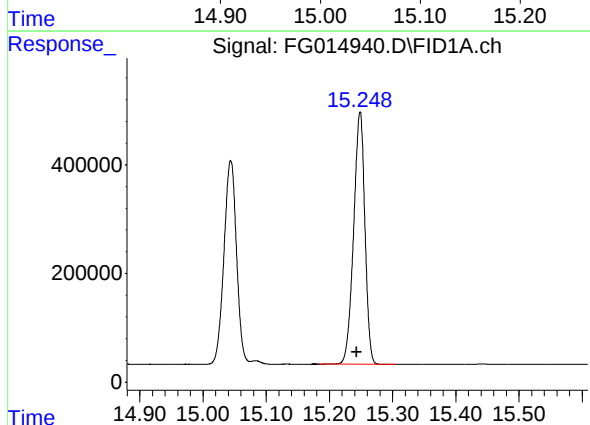
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: 0.004 min
Response: 5181875
Conc: 44.90 ug/ml

Instrument :
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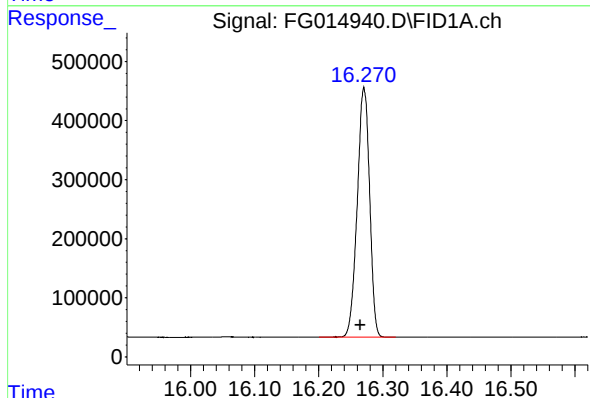
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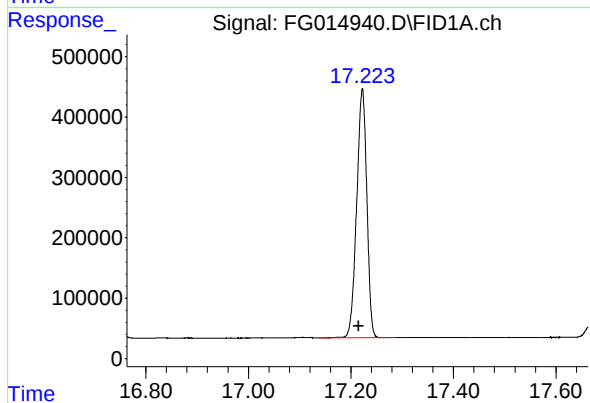
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: 0.006 min
Response: 5751935
Conc: 45.42 ug/ml



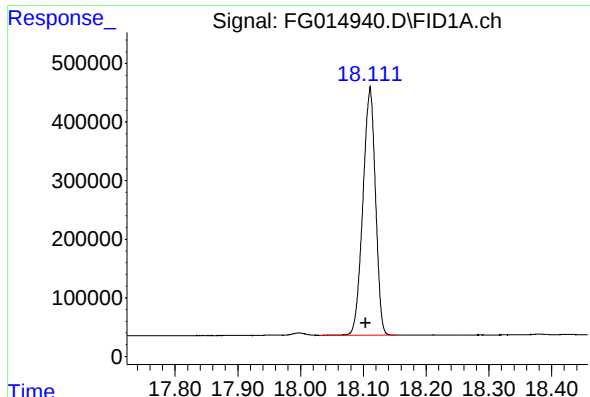
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: 0.006 min
Response: 5676308
Conc: 46.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.222 min
Delta R.T.: 0.007 min
Response: 5668476
Conc: 46.85 ug/ml



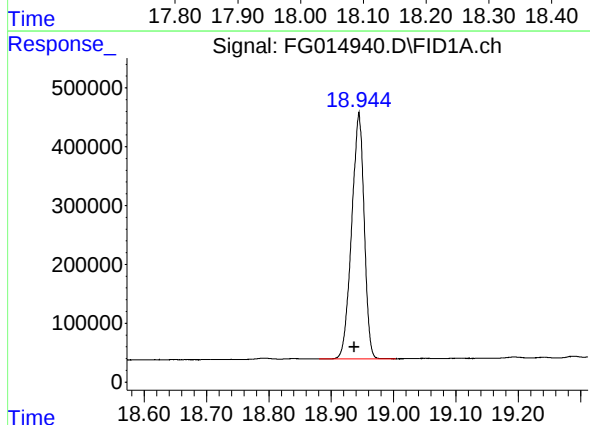
#13 N-TRIACONTANE

R.T.: 18.111 min
Delta R.T.: 0.007 min
Response: 5881145
Conc: 49.05 ug/ml

Instrument :
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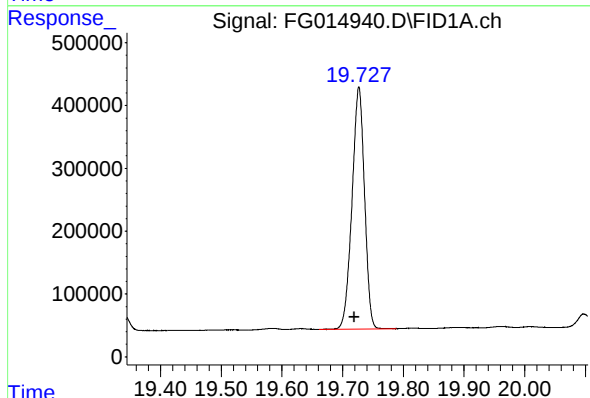
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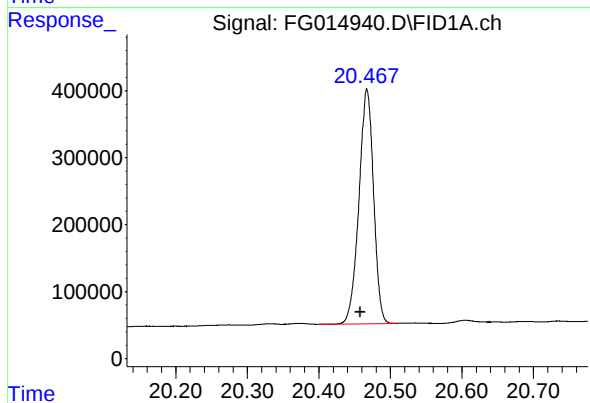
#14 N-DOTRIACONTANE

R.T.: 18.945 min
Delta R.T.: 0.007 min
Response: 5828611
Conc: 50.11 ug/ml



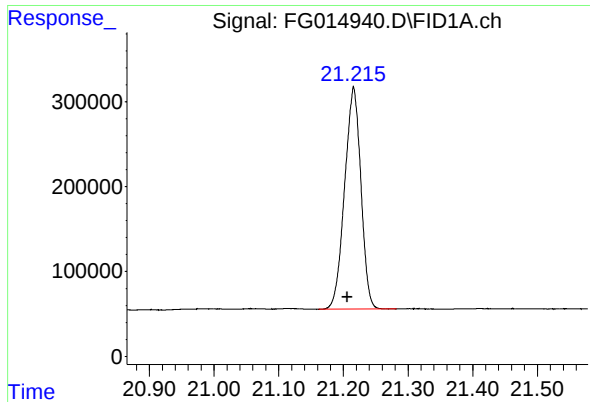
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: 0.008 min
Response: 5505436
Conc: 54.58 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.009 min
Response: 4982262
Conc: 61.44 ug/ml



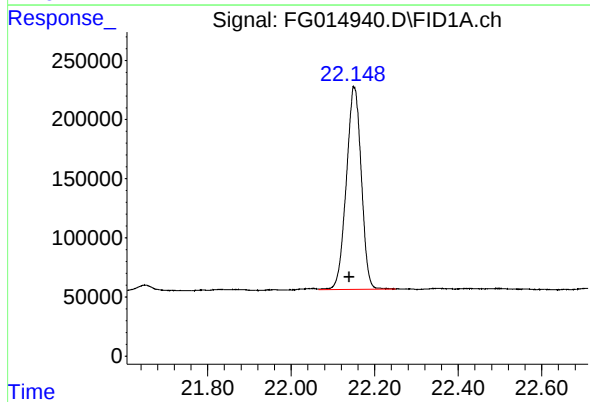
#17 N-OCTATRIACONTANE

R.T.: 21.216 min
Delta R.T.: 0.010 min
Response: 4575596
Conc: 66.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.150 min
Delta R.T.: 0.010 min
Response: 4259681
Conc: 69.05 ug/ml