

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120924\
 Data File : FG014936.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 09:28
 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 01:41:30 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...	15.046	6360424	55.117 ug/ml
Target Compounds			
1) N-OCTANE	2.050	6135115	46.271 ug/ml
2) N-DECANE	4.567	7347348	55.061 ug/ml
3) N-DODECANE	6.740	7452272	54.161 ug/ml
4) N-TETRADECANE	8.572	7452156	55.899 ug/ml
5) N-HEXADECANE	10.184	7413040	55.079 ug/ml
6) N-OCTADECANE	11.632	7474722	54.446 ug/ml
7) N-EICOSANE	12.944	7470168	56.371 ug/ml
8) N-DOCOSANE	14.145	7148572	55.407 ug/ml
10) N-TETRACOSANE	15.251	7024528	55.469 ug/ml
11) N-HEXACOSANE	16.273	6883332	55.946 ug/ml
12) N-OCTACOSANE	17.223	6813937	56.323 ug/ml
13) N-TRIACONTANE	18.112	6997720	58.359 ug/ml
14) N-DOTRIACONTANE	18.945	6885322	59.194 ug/ml
15) N-TETRATRIACONTANE	19.729	6377598	63.230 ug/ml
16) N-HEXATRIACONTANE	20.468	5675393	69.985 ug/ml
17) N-OCTATRIACONTANE	21.217	4842991	70.123 ug/mlm
18) N-TETRACONTANE	22.155	4100271	66.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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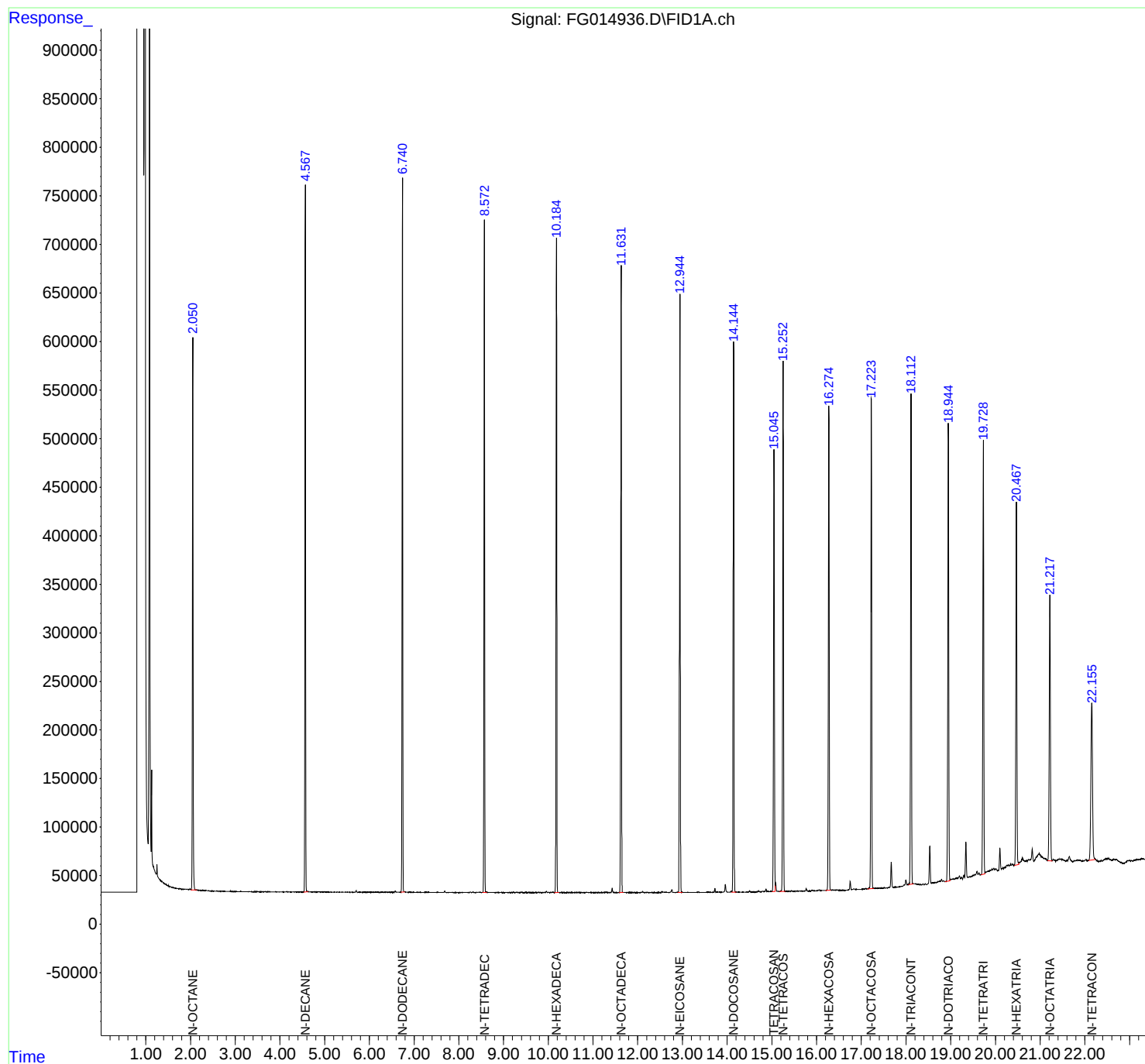
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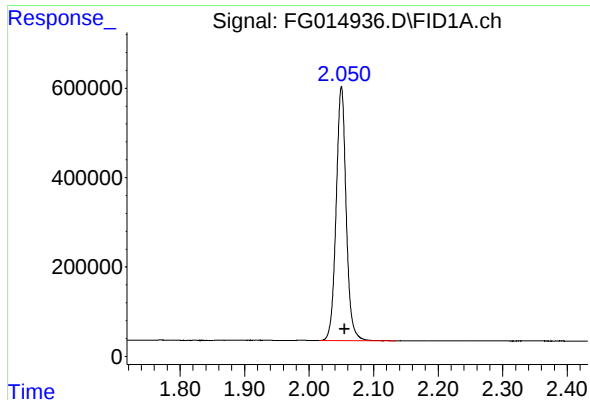
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Signal Info : 20mx0.18mmx0.18um





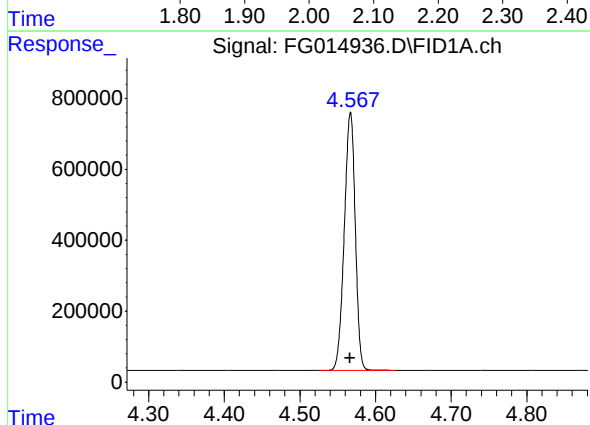
#1 N-OCTANE

R.T.: 2.050 min
Delta R.T.: -0.005 min
Response: 6135115
Conc: 46.27 ug/ml

Instrument :
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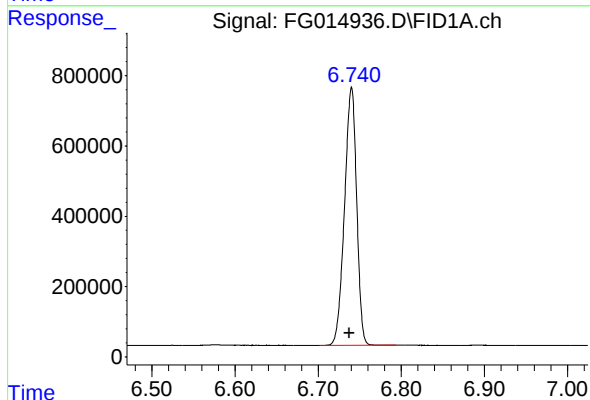
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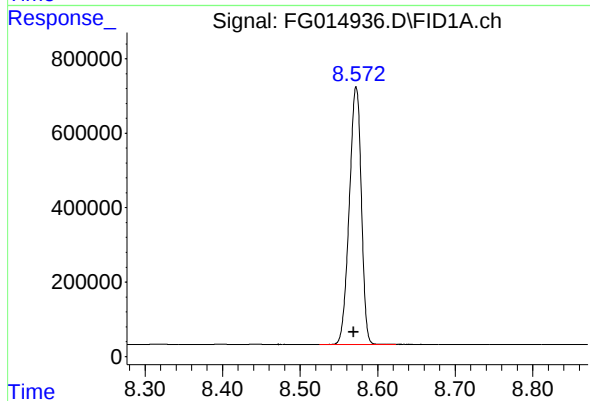
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 7347348
Conc: 55.06 ug/ml



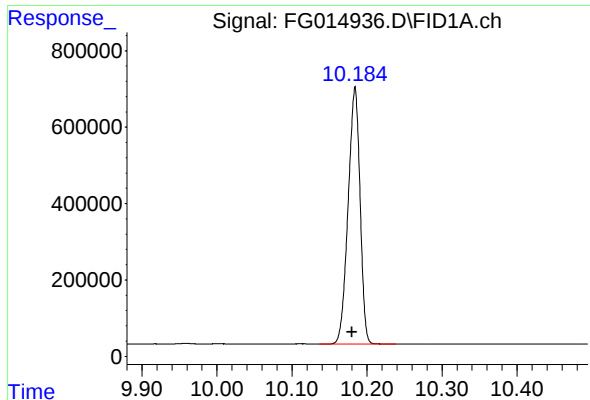
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 7452272
Conc: 54.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 7452156
Conc: 55.90 ug/ml



#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: 0.004 min
Response: 7413040
Conc: 55.08 ug/ml

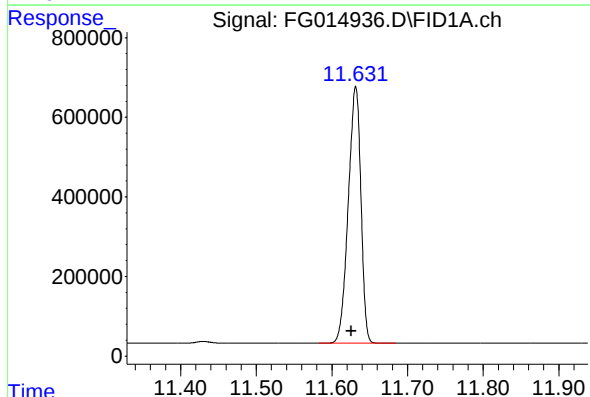
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

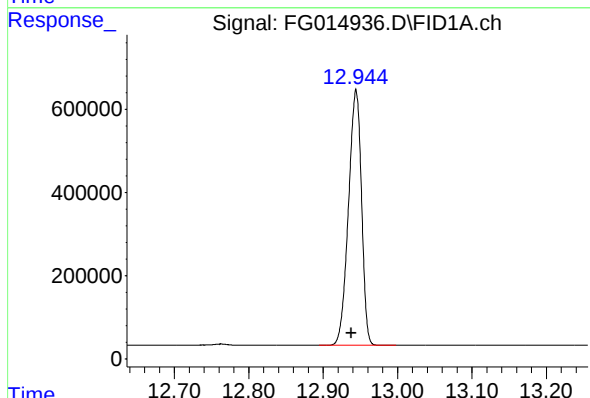
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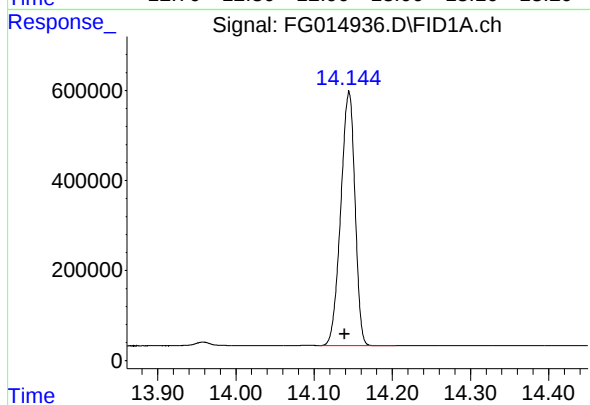
#6 N-OCTADECANE

R.T.: 11.632 min
Delta R.T.: 0.006 min
Response: 7474722
Conc: 54.45 ug/ml



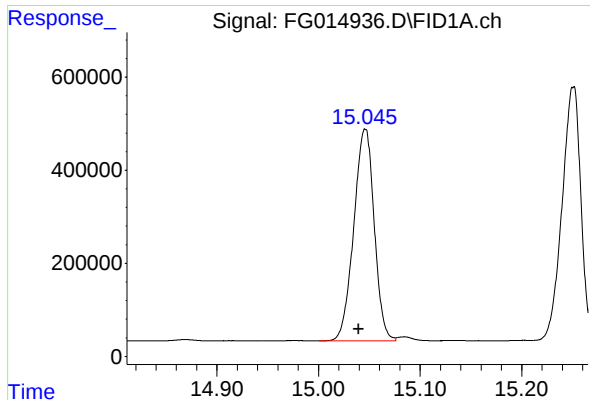
#7 N-EICOSANE

R.T.: 12.944 min
Delta R.T.: 0.006 min
Response: 7470168
Conc: 56.37 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: 0.006 min
Response: 7148572
Conc: 55.41 ug/ml



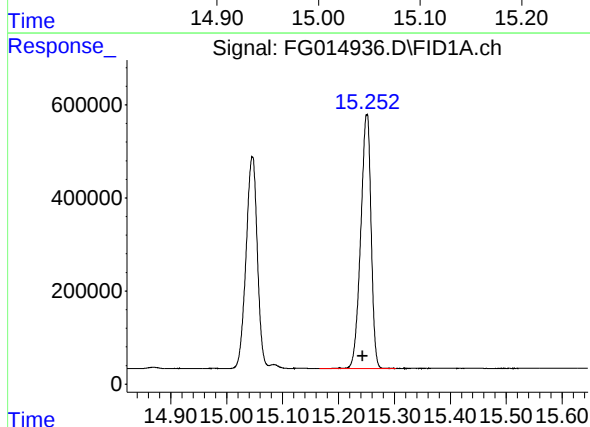
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: 0.007 min
Response: 6360424
Conc: 55.12 ug/ml

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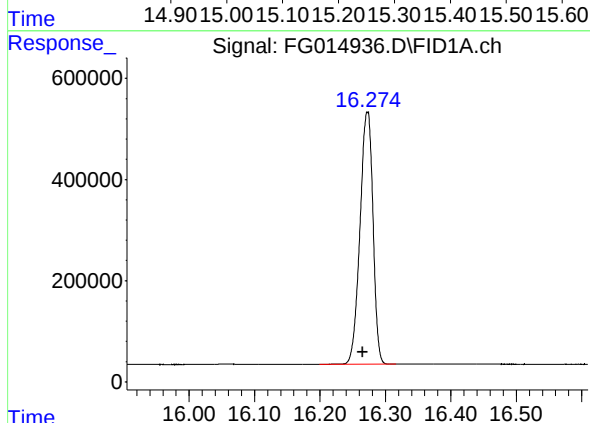
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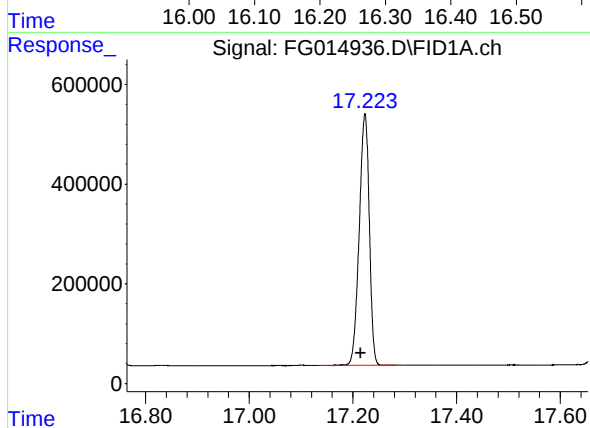
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: 0.008 min
Response: 7024528
Conc: 55.47 ug/ml



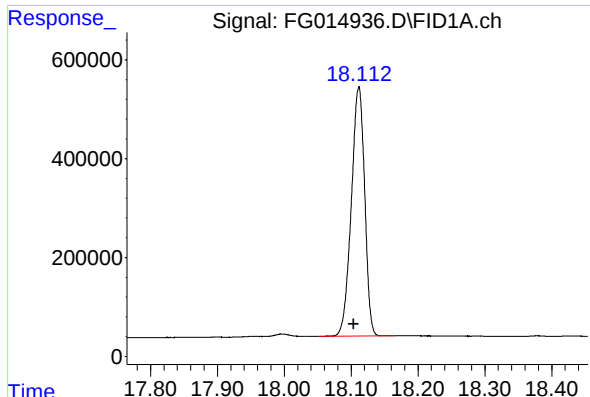
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: 0.008 min
Response: 6883332
Conc: 55.95 ug/ml



#12 N-OCTACOSANE

R.T.: 17.223 min
Delta R.T.: 0.008 min
Response: 6813937
Conc: 56.32 ug/ml



#13 N-TRIACONTANE

R.T.: 18.112 min
Delta R.T.: 0.008 min
Response: 6997720
Conc: 58.36 ug/ml

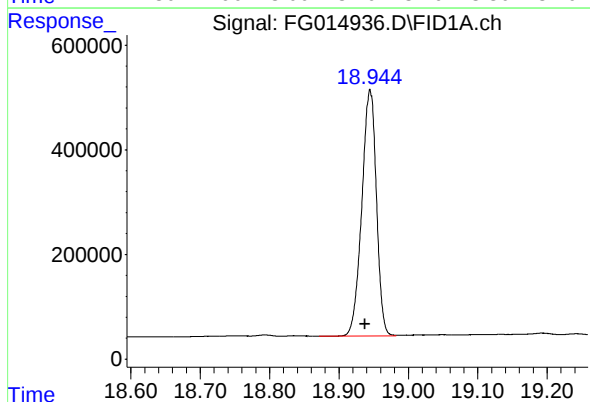
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

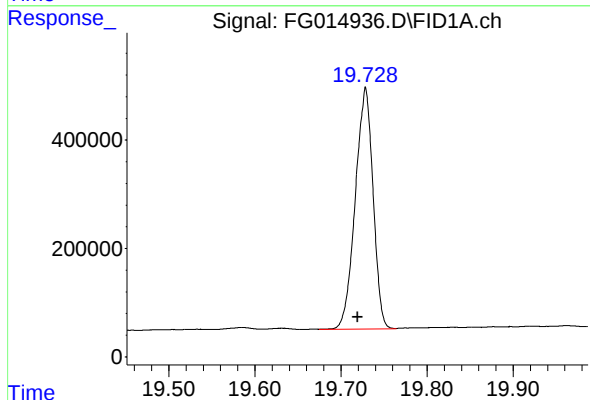
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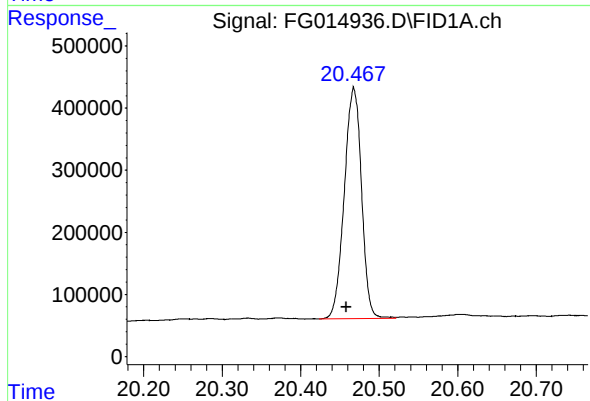
#14 N-DOTRIACONTANE

R.T.: 18.945 min
Delta R.T.: 0.008 min
Response: 6885322
Conc: 59.19 ug/ml



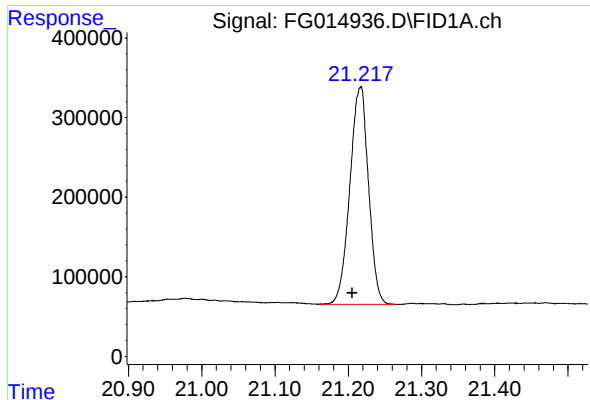
#15 N-TETRATRIACONTANE

R.T.: 19.729 min
Delta R.T.: 0.009 min
Response: 6377598
Conc: 63.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.468 min
Delta R.T.: 0.010 min
Response: 5675393
Conc: 69.99 ug/ml



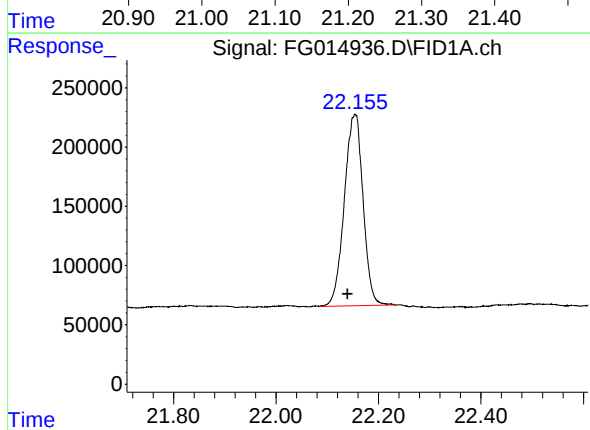
#17 N-OCTATRIACONTANE

R.T.: 21.217 min
Delta R.T.: 0.012 min
Response: 4842991
Conc: 70.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.155 min
Delta R.T.: 0.015 min
Response: 4100271
Conc: 66.47 ug/ml