

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041123\
 Data File : FG011771.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2023 10:57
 Operator : YP\AJ
 Sample : 02213-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT2-2023

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 03:42:54 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...	15.043	1761161	17.497 ug/ml
Target Compounds			
1) N-OCTANE	2.046	525445	4.465 ug/ml
2) N-DECANE	4.565	649313	5.373 ug/ml
3) N-DODECANE	6.737	651639	5.340 ug/ml
4) N-TETRADECANE	8.568	609488	5.009 ug/ml
5) N-HEXADECANE	10.179	645519	5.235 ug/ml
6) N-OCTADECANE	11.626	633997	5.191 ug/ml
7) N-EICOSANE	12.940	613860	5.109 ug/ml
8) N-DOCOSANE	14.140	585996	5.108 ug/ml
10) N-TETRACOSANE	15.247	589643	5.220 ug/ml
11) N-HEXACOSANE	16.271	568547	5.265 ug/ml
12) N-OCTACOSANE	17.223	580619	5.599 ug/ml
13) N-TRIACONTANE	18.113	647940	6.538 ug/ml
14) N-DOTRIACONTANE	18.948	677574	7.306 ug/ml
15) N-TETRATRIACONTANE	19.734	619966	7.354 ug/ml
16) N-HEXATRIACONTANE	20.475	527893	6.857 ug/mlm
17) N-OCTATRIACONTANE	21.224	480273	6.379 ug/ml
18) N-TETRACONTANE	22.160	443491	6.043 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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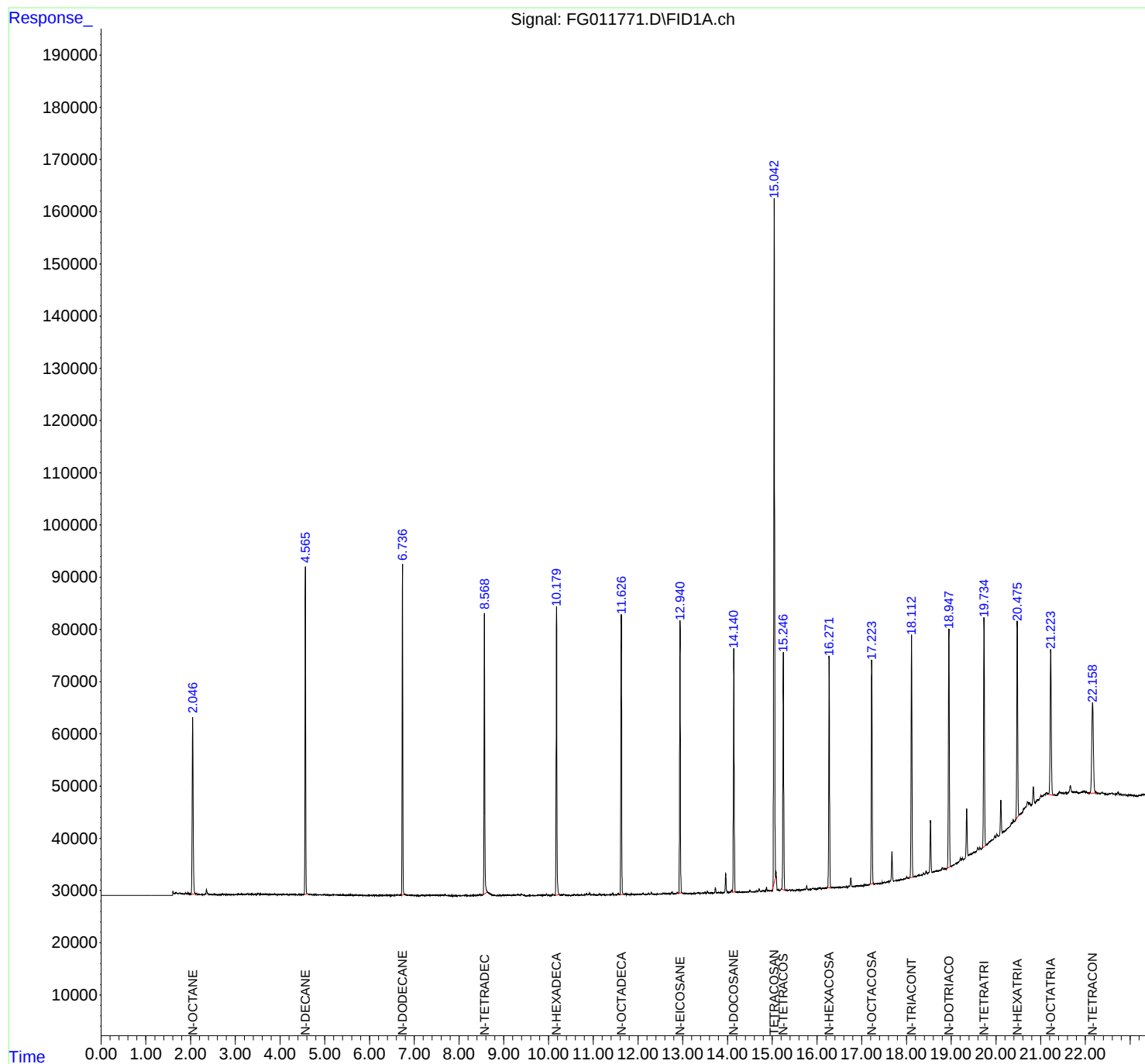
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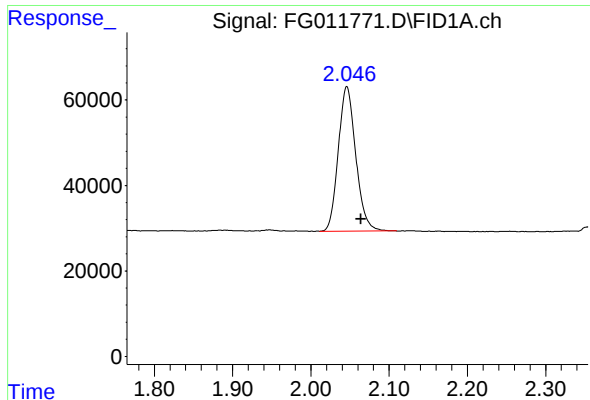
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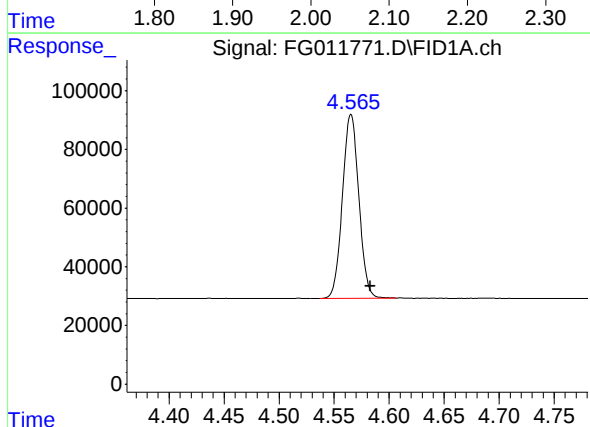
#1 N-OCTANE

R.T.: 2.046 min
Delta R.T.: -0.018 min
Response: 525445
Conc: 4.46 ug/ml

Instrument :
FID_G
ClientSampleId :
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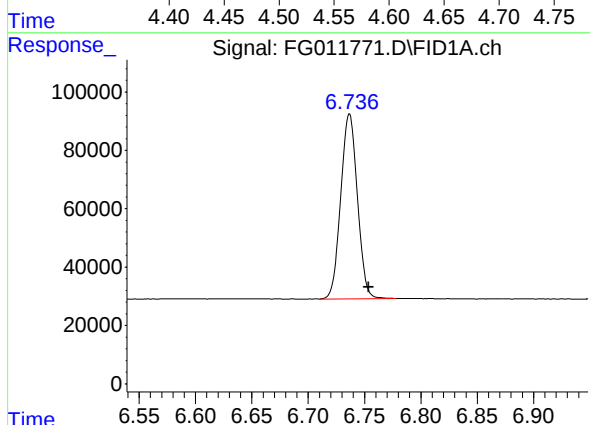
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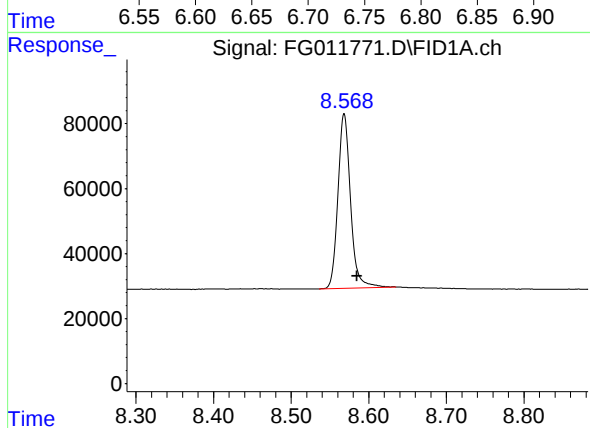
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.018 min
Response: 649313
Conc: 5.37 ug/ml



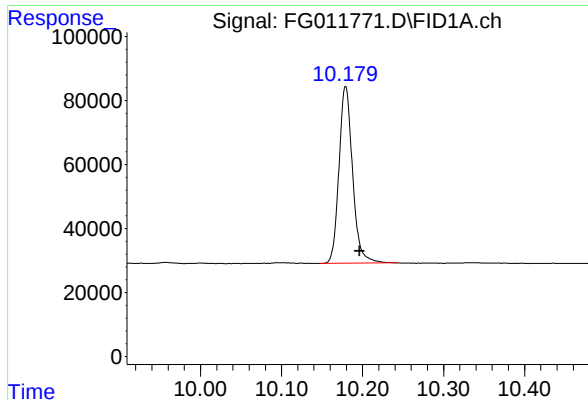
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: -0.017 min
Response: 651639
Conc: 5.34 ug/ml



#4 N-TETRADECANE

R.T.: 8.568 min
Delta R.T.: -0.016 min
Response: 609488
Conc: 5.01 ug/ml



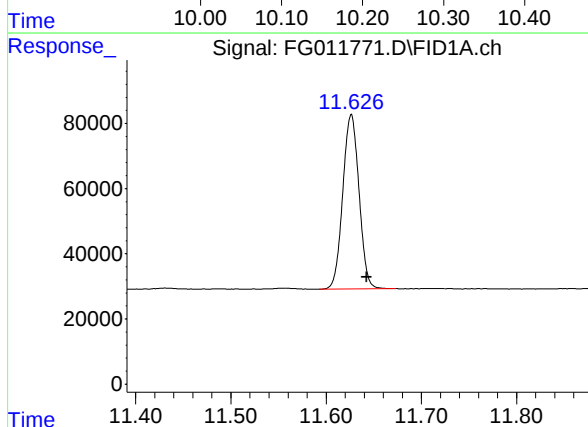
#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: -0.017 min
Response: 645519
Conc: 5.23 ug/ml

Instrument :
FID_G
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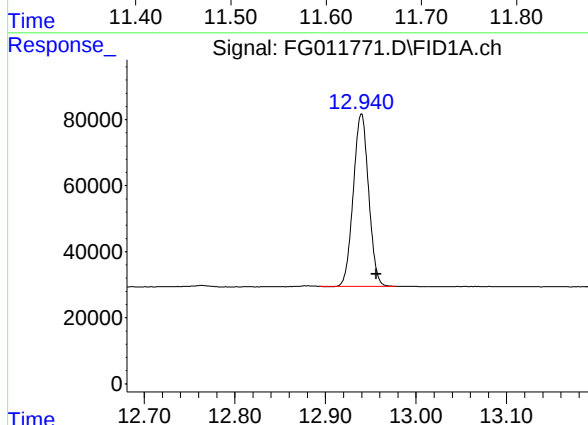
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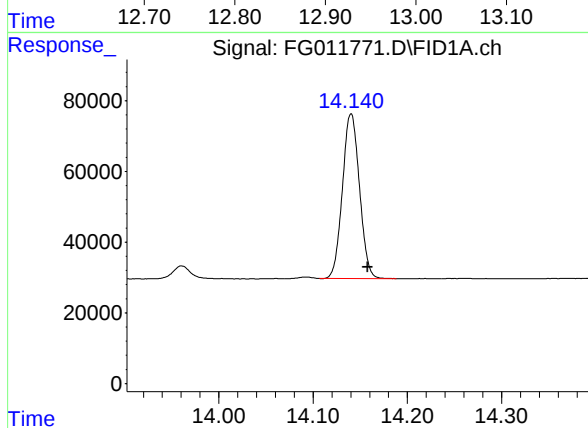
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: -0.016 min
Response: 633997
Conc: 5.19 ug/ml



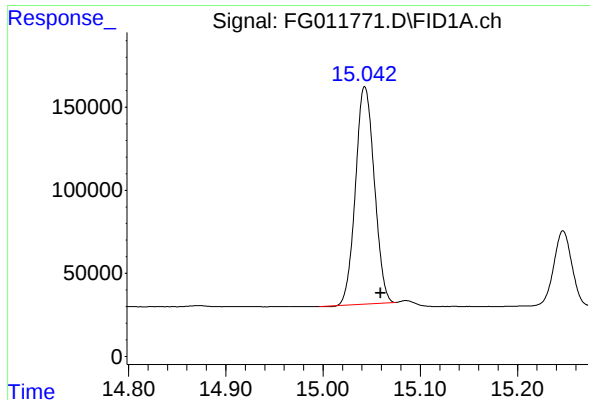
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: -0.016 min
Response: 613860
Conc: 5.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: -0.018 min
Response: 585996
Conc: 5.11 ug/ml



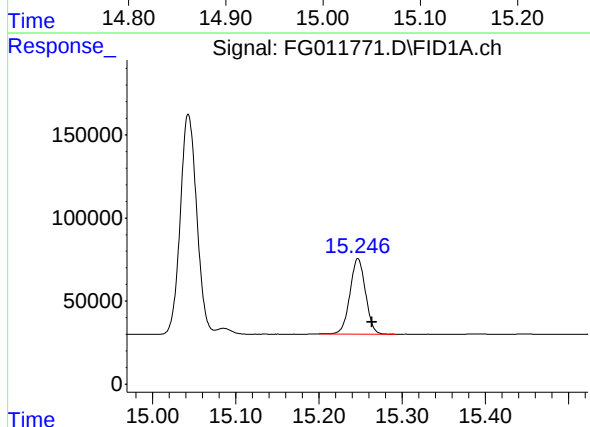
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.043 min
Delta R.T.: -0.016 min
Response: 1761161
Conc: 17.50 ug/ml

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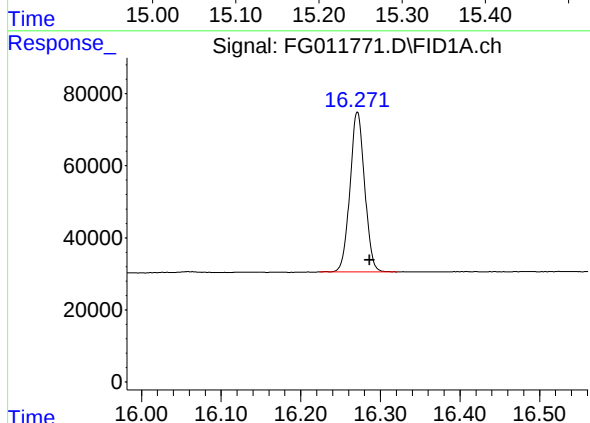
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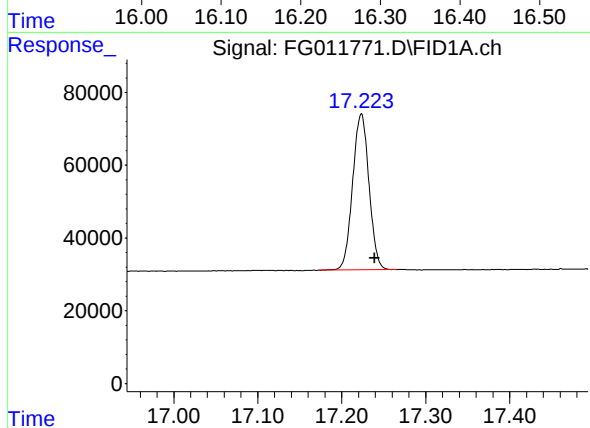
#10 N-TETRACOSANE

R.T.: 15.247 min
Delta R.T.: -0.017 min
Response: 589643
Conc: 5.22 ug/ml



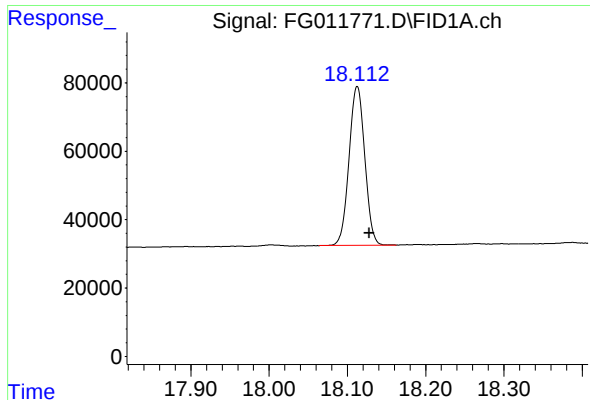
#11 N-HEXACOSANE

R.T.: 16.271 min
Delta R.T.: -0.015 min
Response: 568547
Conc: 5.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.223 min
Delta R.T.: -0.016 min
Response: 580619
Conc: 5.60 ug/ml



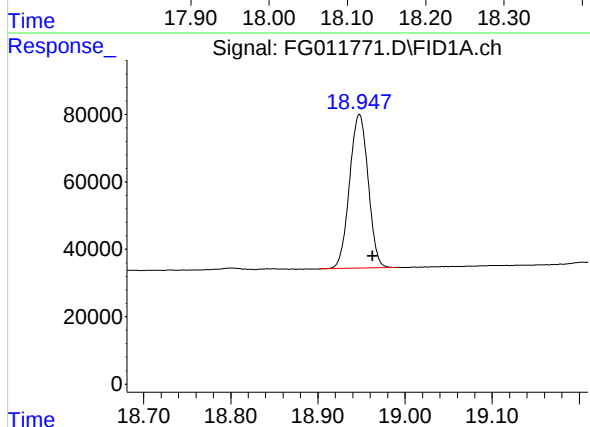
#13 N-TRIACONTANE

R.T.: 18.113 min
Delta R.T.: -0.015 min
Response: 647940
Conc: 6.54 ug/ml

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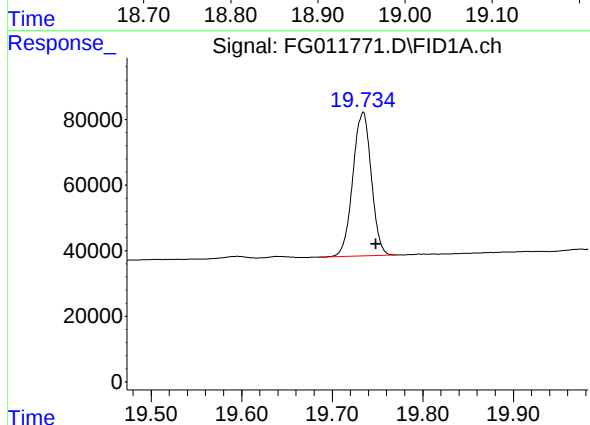
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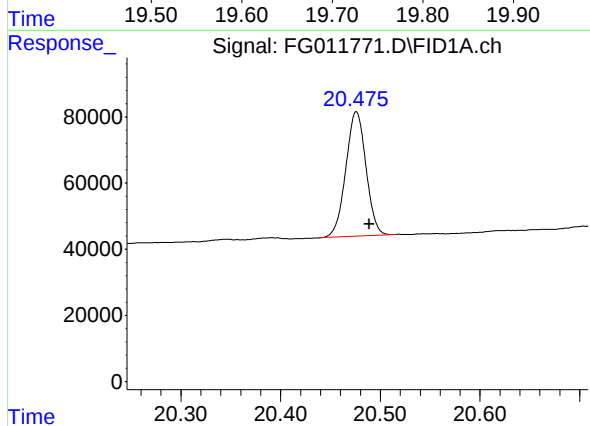
#14 N-DOTRIACONTANE

R.T.: 18.948 min
Delta R.T.: -0.015 min
Response: 677574
Conc: 7.31 ug/ml



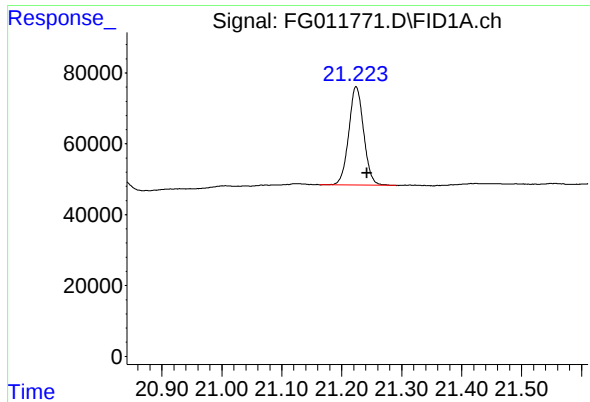
#15 N-TETRATRIACONTANE

R.T.: 19.734 min
Delta R.T.: -0.014 min
Response: 619966
Conc: 7.35 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.475 min
Delta R.T.: -0.014 min
Response: 527893
Conc: 6.86 ug/ml m



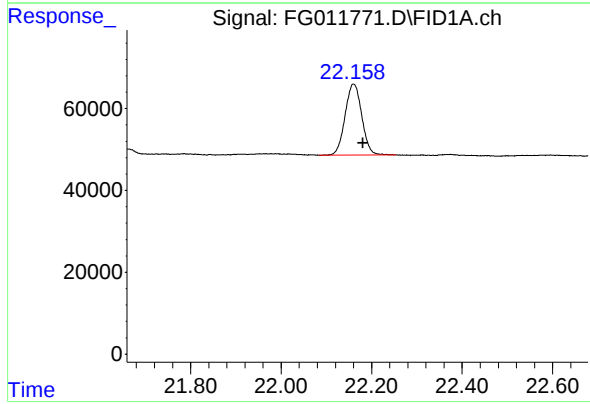
#17 N-OCTATRIACONTANE

R.T.: 21.224 min
Delta R.T.: -0.018 min
Response: 480273
Conc: 6.38 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.160 min
Delta R.T.: -0.021 min
Response: 443491
Conc: 6.04 ug/ml