

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083123\
 Data File : FG012846.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 11:52
 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 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:15:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.083	5551735	49.628 ug/mlm
Target Compounds			
1) N-OCTANE	2.078	6572484	53.383 ug/ml
2) N-DECANE	4.600	6896703	54.289 ug/ml
3) N-DODECANE	6.774	6876213	53.534 ug/ml
4) N-TETRADECANE	8.607	6800963	52.794 ug/ml
5) N-HEXADECANE	10.221	6764842	52.145 ug/ml
6) N-OCTADECANE	11.668	6757908	51.525 ug/ml
7) N-EICOSANE	12.981	6567240	51.060 ug/ml
8) N-DOCOSANE	14.183	6355305	50.250 ug/ml
10) N-TETRACOSANE	15.290	6263046	49.523 ug/ml
11) N-HEXACOSANE	16.313	6080929	48.579 ug/ml
12) N-OCTACOSANE	17.264	5959993	48.493 ug/ml
13) N-TRIACONTANE	18.152	5789218	48.882 ug/ml
14) N-DOTRIACONTANE	18.987	5287136	47.079 ug/ml
15) N-TETRATRIACONTANE	19.769	4582497	48.378 ug/mlm
16) N-HEXATRIACONTANE	20.510	3848002	47.419 ug/mlm
17) N-OCTATRIACONTANE	21.266	3403467	47.130 ug/ml
18) N-TETRACONTANE	22.215	3478627	49.924 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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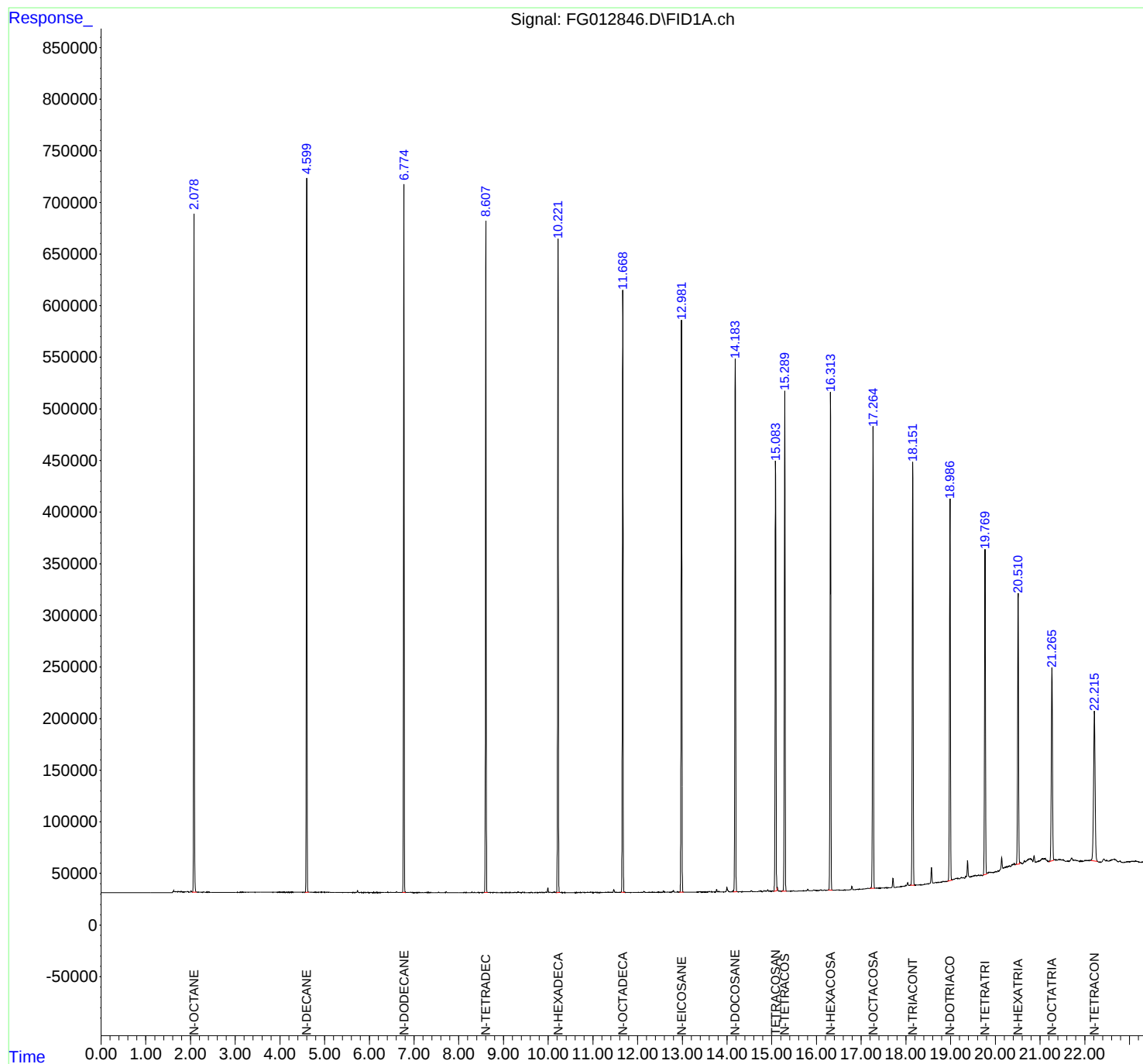
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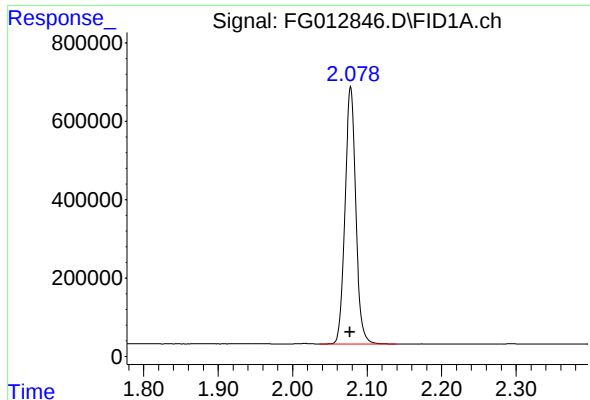
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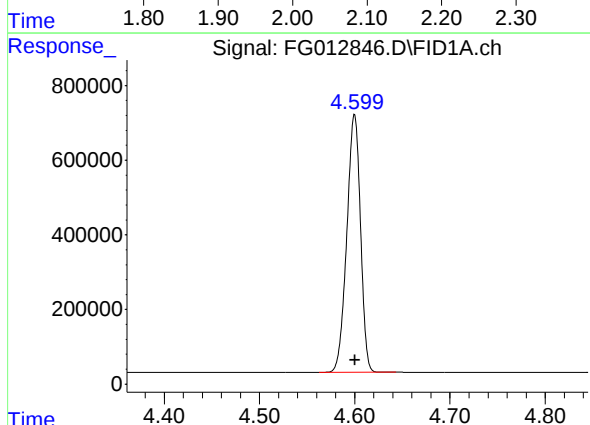
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.000 min
Response: 6572484
Conc: 53.38 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

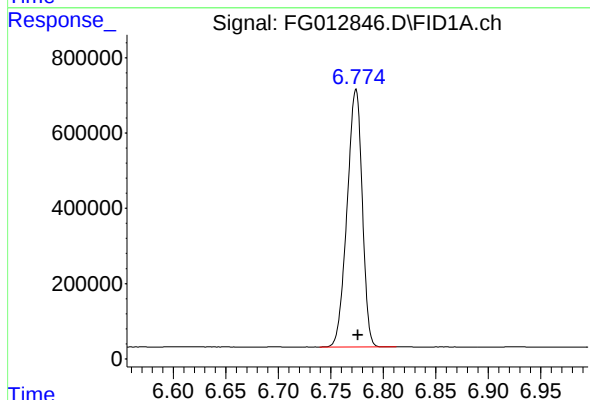
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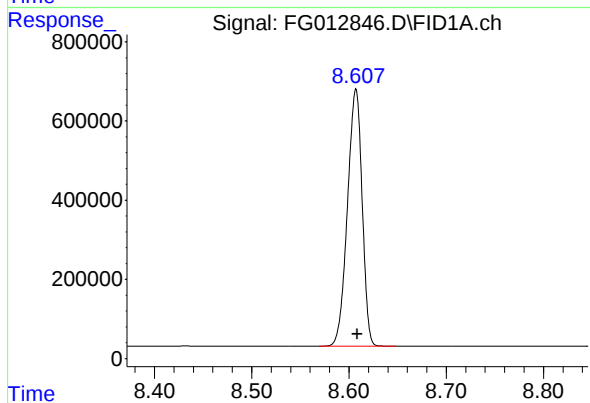
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 6896703
Conc: 54.29 ug/ml



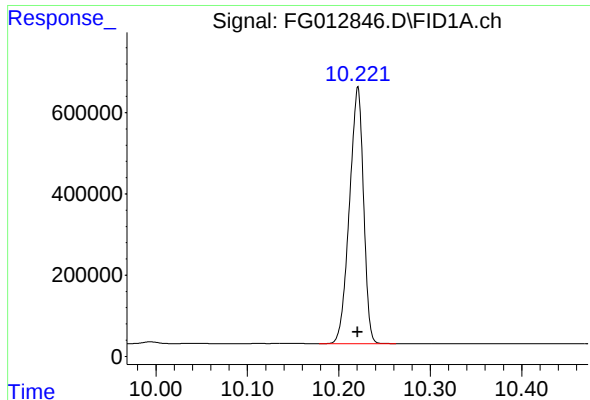
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 6876213
Conc: 53.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 6800963
Conc: 52.79 ug/ml



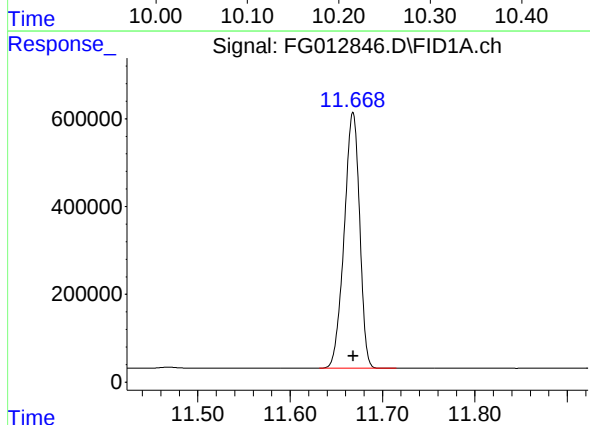
#5 N-HEXADECANE

R.T.: 10.221 min
Delta R.T.: 0.000 min
Response: 6764842
Conc: 52.15 ug/ml

Instrument :
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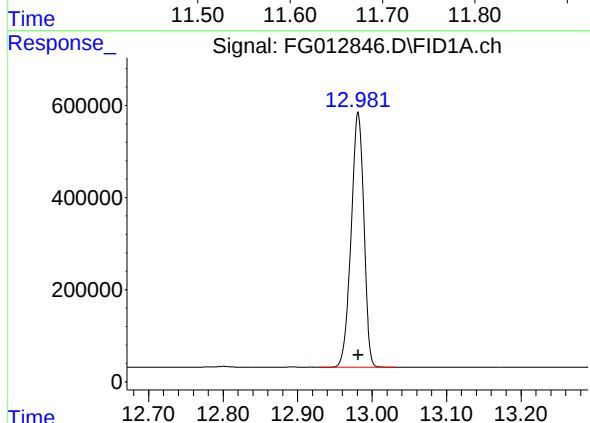
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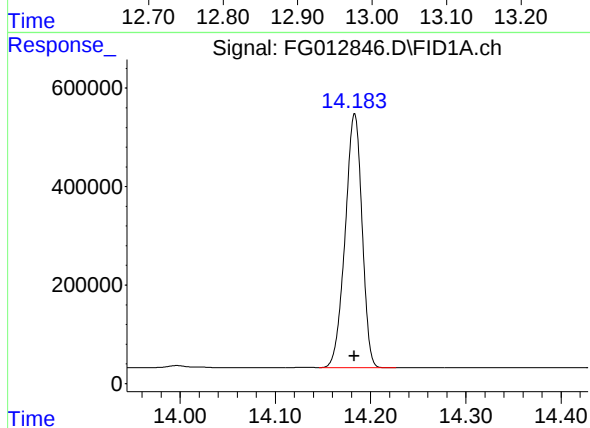
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.000 min
Response: 6757908
Conc: 51.52 ug/ml



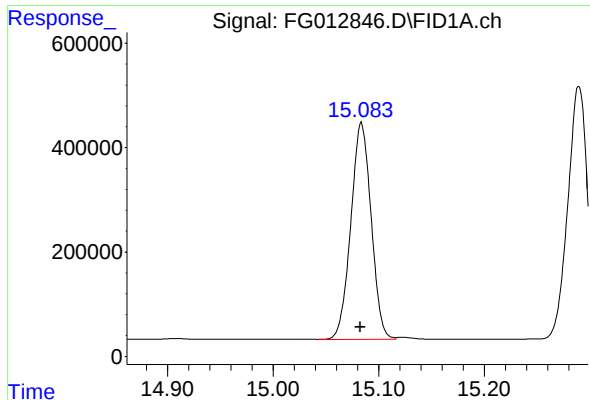
#7 N-EICOSANE

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 6567240
Conc: 51.06 ug/ml



#8 N-DOCOSANE

R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 6355305
Conc: 50.25 ug/ml



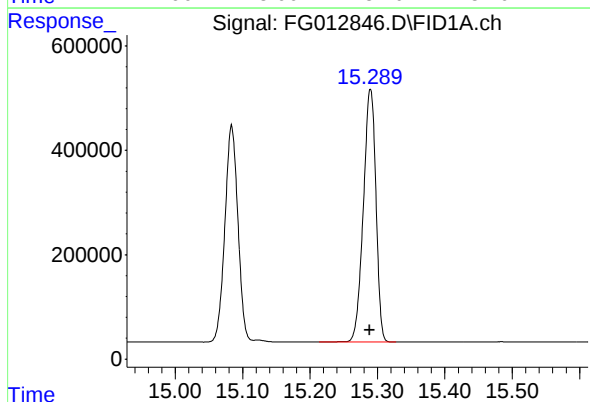
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.083 min
Delta R.T.: 0.000 min
Response: 5551735
Conc: 49.63 ug/ml

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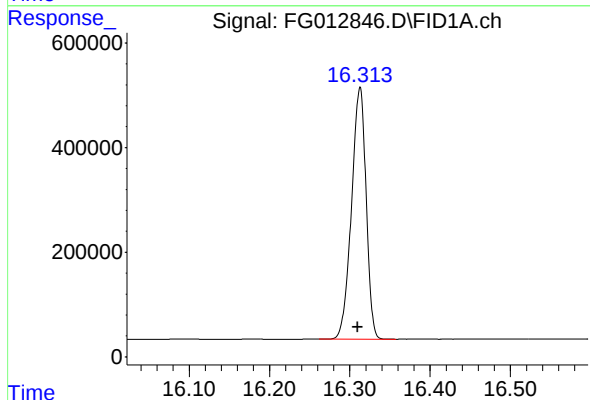
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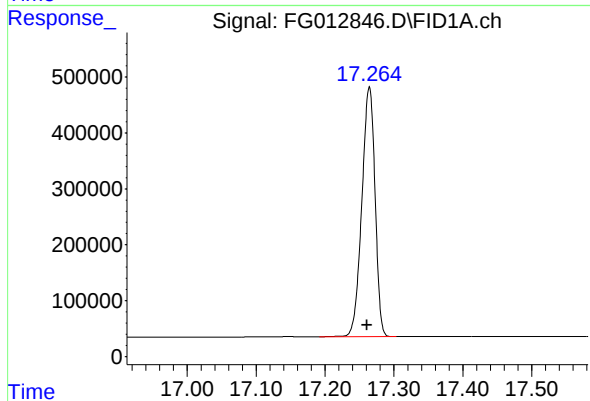
#10 N-TETRACOSANE

R.T.: 15.290 min
Delta R.T.: 0.000 min
Response: 6263046
Conc: 49.52 ug/ml



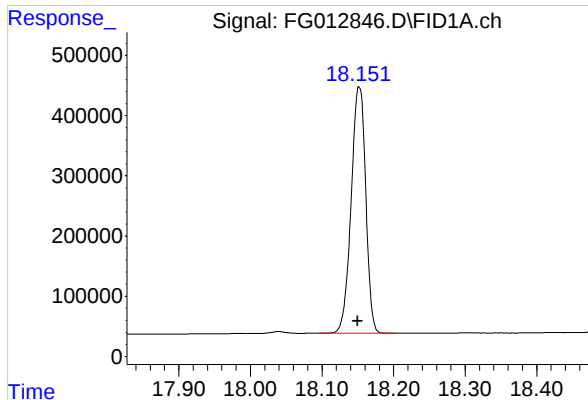
#11 N-HEXACOSANE

R.T.: 16.313 min
Delta R.T.: 0.003 min
Response: 6080929
Conc: 48.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.264 min
Delta R.T.: 0.003 min
Response: 5959993
Conc: 48.49 ug/ml



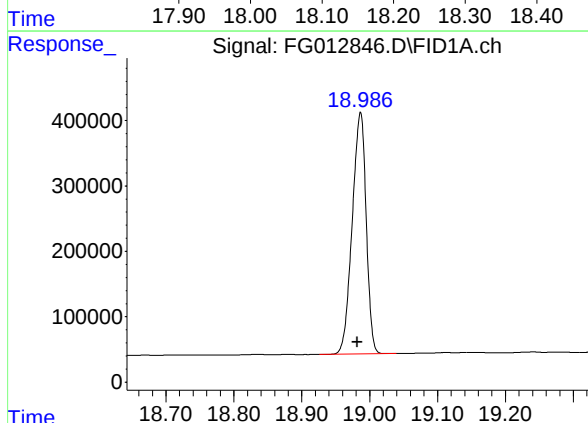
#13 N-TRIACONTANE

R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 5789218
Conc: 48.88 ug/ml

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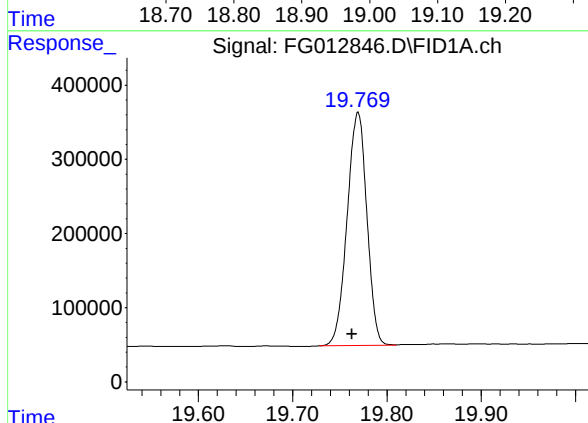
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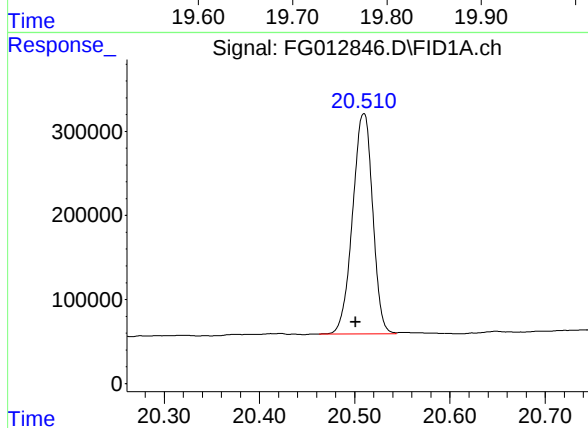
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.005 min
Response: 5287136
Conc: 47.08 ug/ml



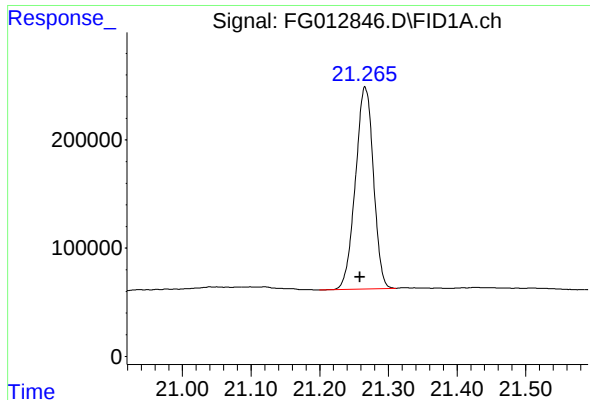
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: 0.006 min
Response: 4582497
Conc: 48.38 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.510 min
Delta R.T.: 0.009 min
Response: 3848002
Conc: 47.42 ug/ml m



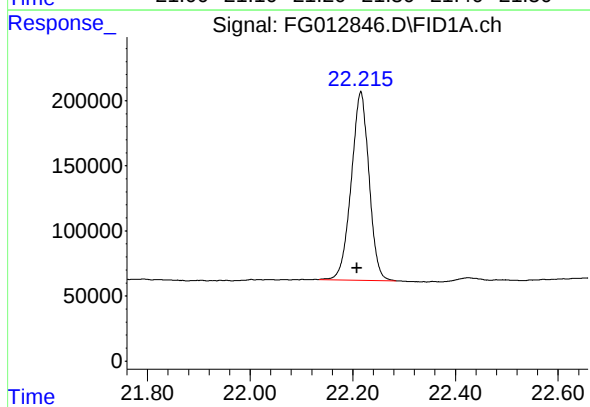
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.007 min
Response: 3403467
Conc: 47.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.215 min
Delta R.T.: 0.007 min
Response: 3478627
Conc: 49.92 ug/ml m