

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013023\
 Data File : FG011344.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2023 20:24
 Operator : YP\AJ
 Sample : FG013023ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG013023ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2023
 Supervised By :Ankita Jodhani 01/31/2023

Integration File: autoint1.e
 Quant Time: Jan 30 22:04:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG013023.M
 Quant Title :
 QLast Update : Mon Jan 30 21:53:23 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...	15.078	5974704	45.268 ug/ml
Target Compounds			
1) N-OCTANE	2.077	6048323	45.937 ug/ml
2) N-DECANE	4.595	6350962	45.703 ug/ml
3) N-DODECANE	6.767	6498839	45.718 ug/ml
4) N-TETRADECANE	8.599	6549975	45.677 ug/ml
5) N-HEXADECANE	10.212	6739847	45.654 ug/ml
6) N-OCTADECANE	11.659	6828156	45.625 ug/ml
7) N-EICOSANE	12.974	6862721	45.570 ug/ml
8) N-DOCOSANE	14.176	6682751	45.477 ug/ml
10) N-TETRACOSANE	15.283	6693386	45.335 ug/ml
11) N-HEXACOSANE	16.308	6559067	45.276 ug/ml
12) N-OCTACOSANE	17.260	6390307	44.961 ug/ml
13) N-TRIACONTANE	18.151	6124187	43.928 ug/ml
14) N-DOTRIACONTANE	18.985	5684287	40.893 ug/ml
15) N-TETRATRIACONTANE	19.770	5108314	41.006 ug/ml
16) N-HEXATRIACONTANE	20.513	4831581	41.643 ug/ml
17) N-OCTATRIACONTANE	21.270	4906522	44.420 ug/ml
18) N-TETRACONTANE	22.218	5177592	46.037 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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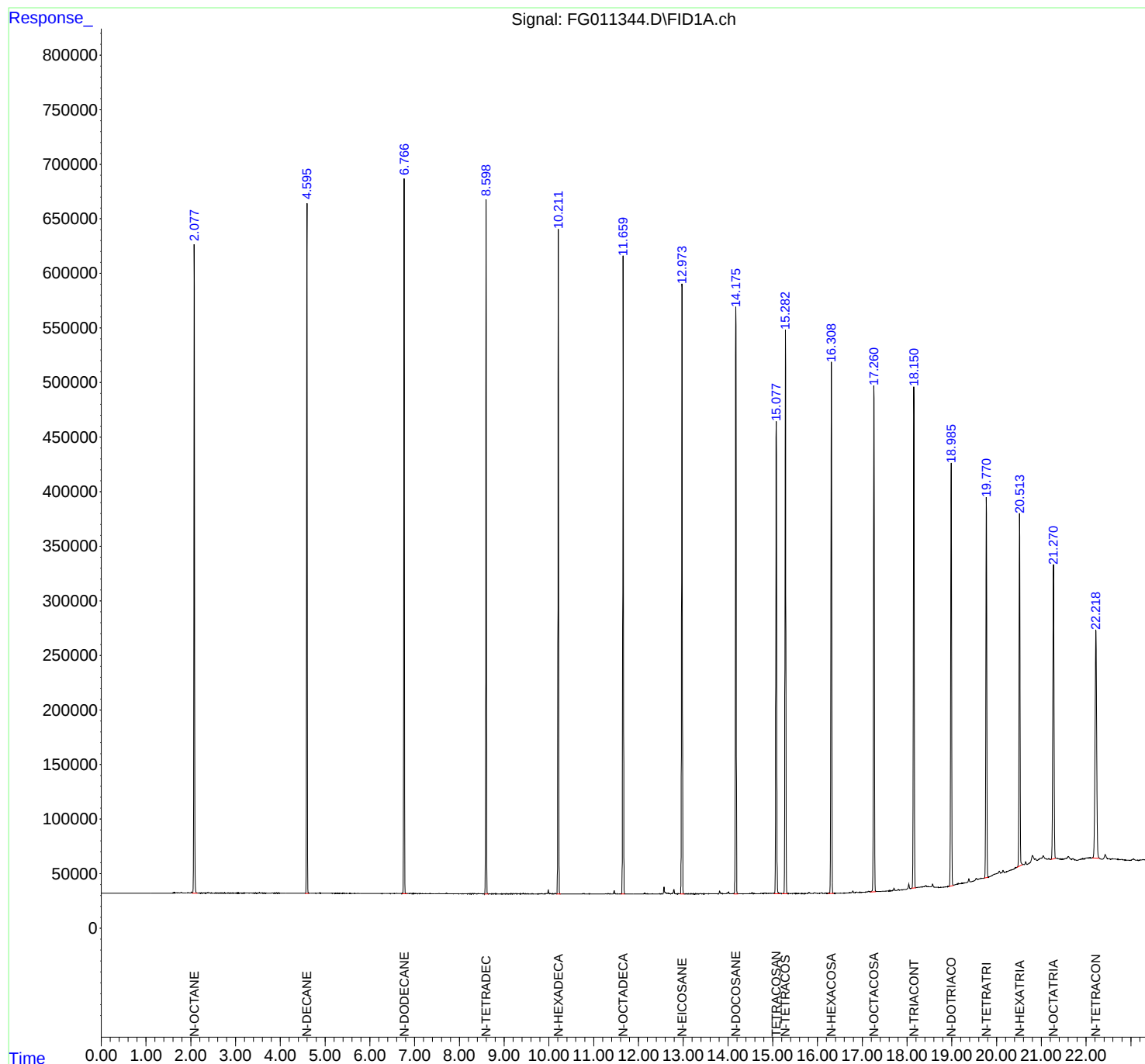
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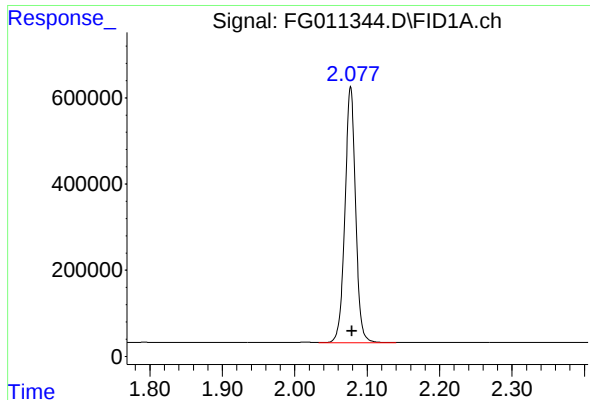
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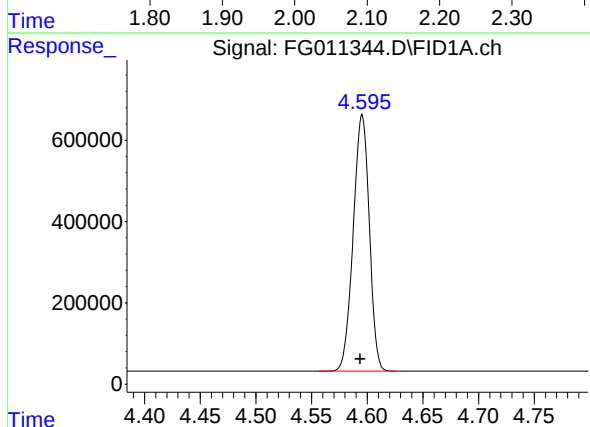
#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: -0.002 min
Response: 6048323
Conc: 45.94 ug/ml

Instrument :
FID_G
ClientSampleId :
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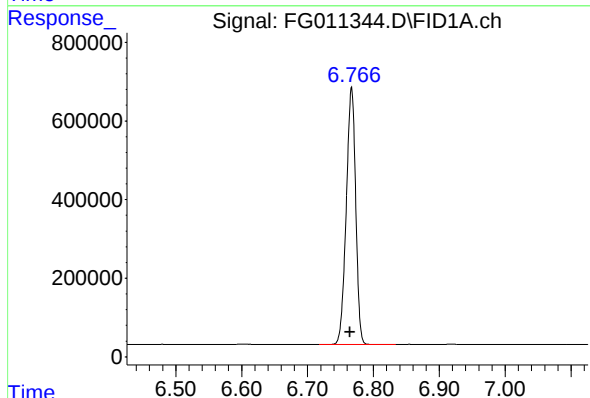
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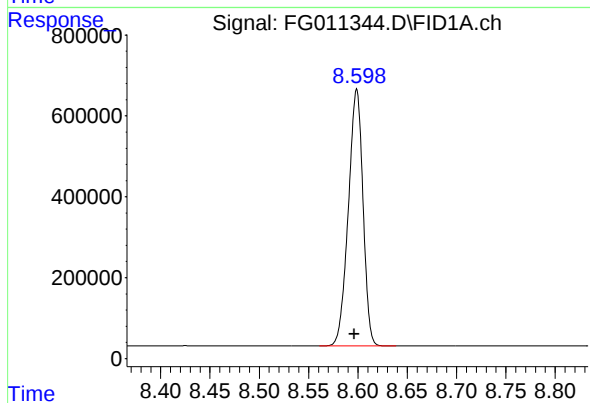
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 6350962
Conc: 45.70 ug/ml



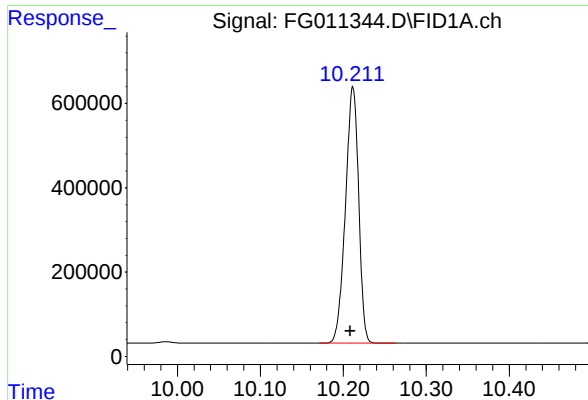
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 6498839
Conc: 45.72 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: 0.002 min
Response: 6549975
Conc: 45.68 ug/ml



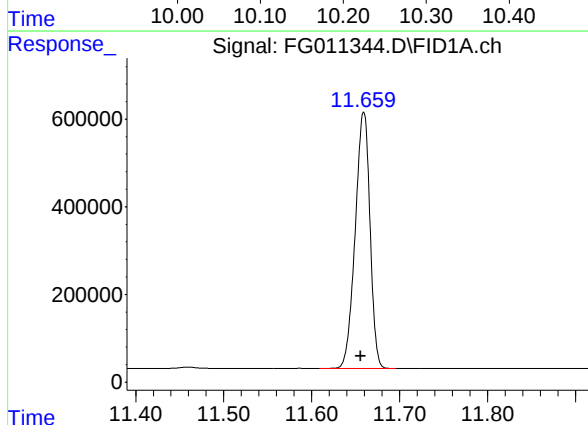
#5 N-HEXADECANE

R.T.: 10.212 min
Delta R.T.: 0.003 min
Response: 6739847
Conc: 45.65 ug/ml

Instrument :
FID_G
ClientSampleId :
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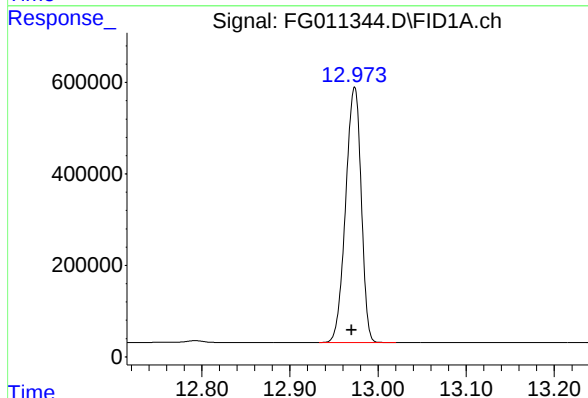
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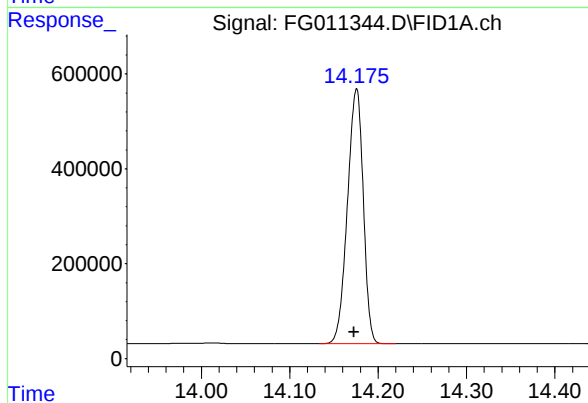
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: 0.003 min
Response: 6828156
Conc: 45.63 ug/ml



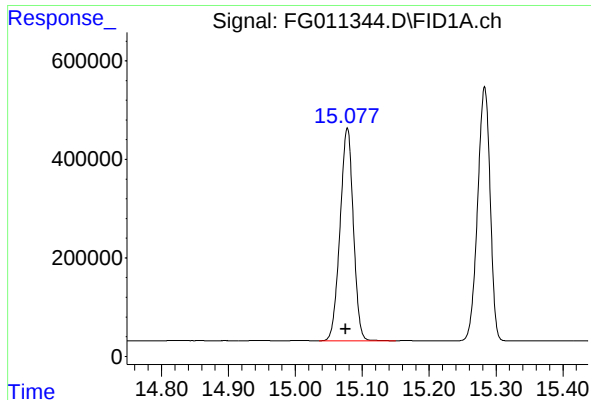
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: 0.003 min
Response: 6862721
Conc: 45.57 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: 0.003 min
Response: 6682751
Conc: 45.48 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: 0.002 min
Response: 5974704
Conc: 45.27 ug/ml

Instrument :

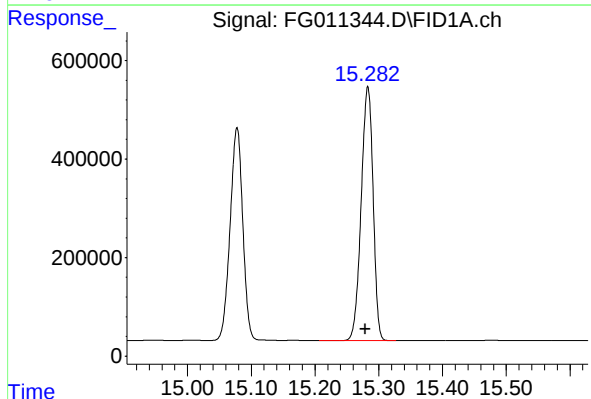
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ClientSampleId :

FG013023ICV

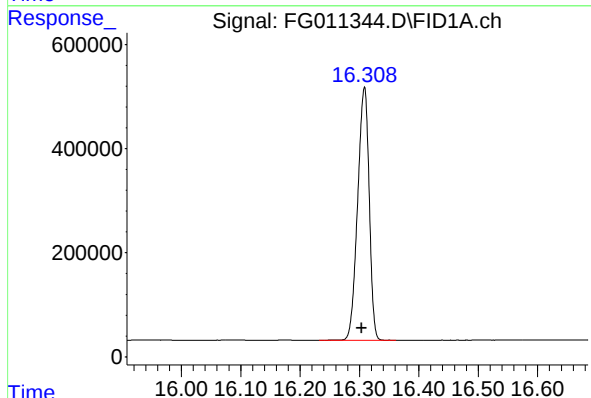
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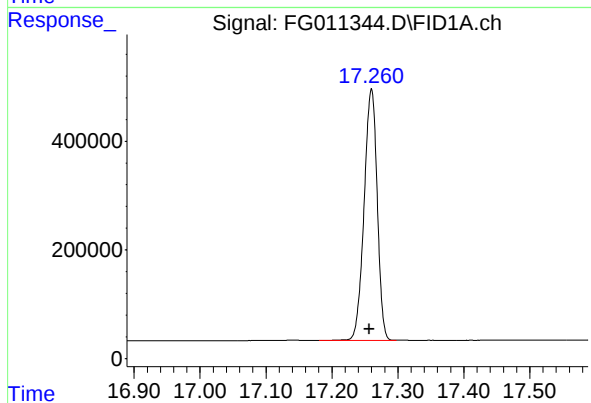
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: 0.004 min
Response: 6693386
Conc: 45.34 ug/ml



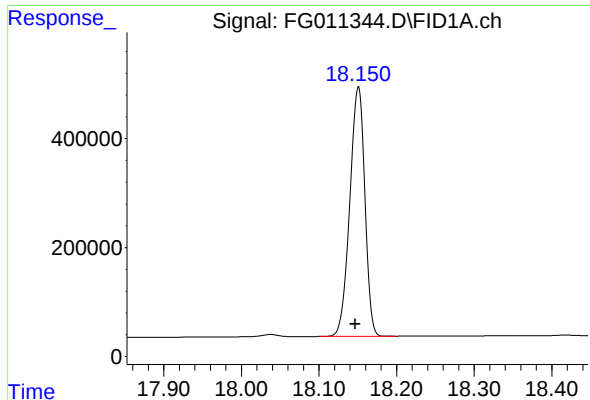
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.005 min
Response: 6559067
Conc: 45.28 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.003 min
Response: 6390307
Conc: 44.96 ug/ml



#13 N-TRIACONTANE

R.T.: 18.151 min
Delta R.T.: 0.004 min
Response: 6124187
Conc: 43.93 ug/ml

Instrument :

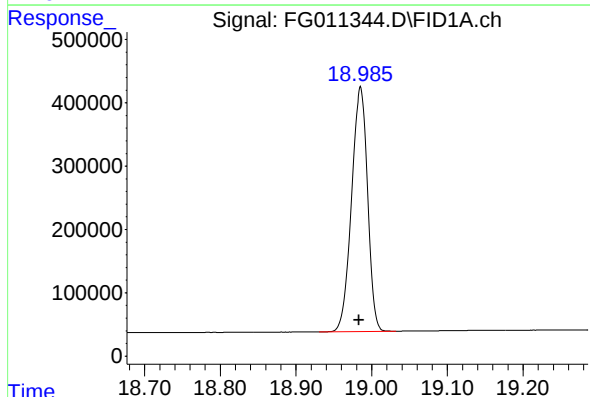
FID_G

ClientSampleId :

FG013023ICV

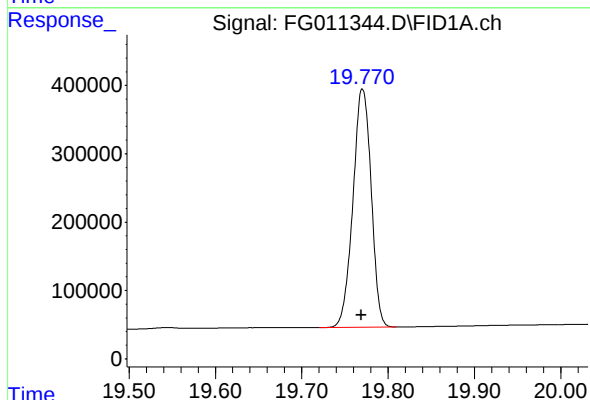
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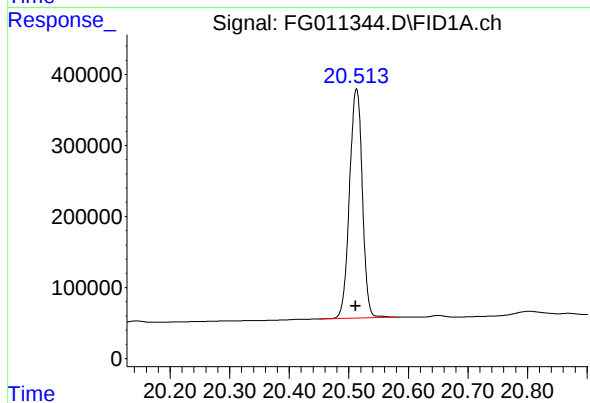
#14 N-DOTRIACONTANE

R.T.: 18.985 min
Delta R.T.: 0.002 min
Response: 5684287
Conc: 40.89 ug/ml



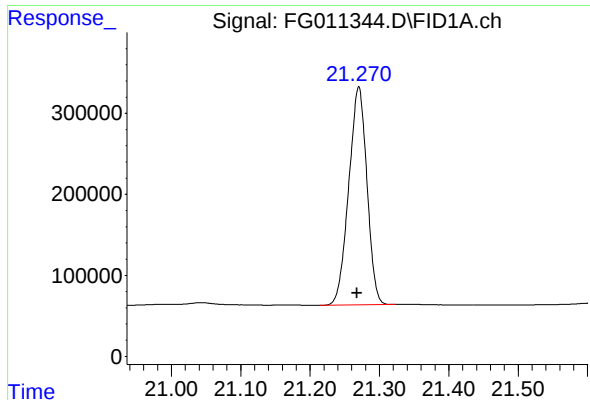
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.001 min
Response: 5108314
Conc: 41.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.002 min
Response: 4831581
Conc: 41.64 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: 0.003 min
Response: 4906522
Conc: 44.42 ug/ml

Instrument :

FID_G

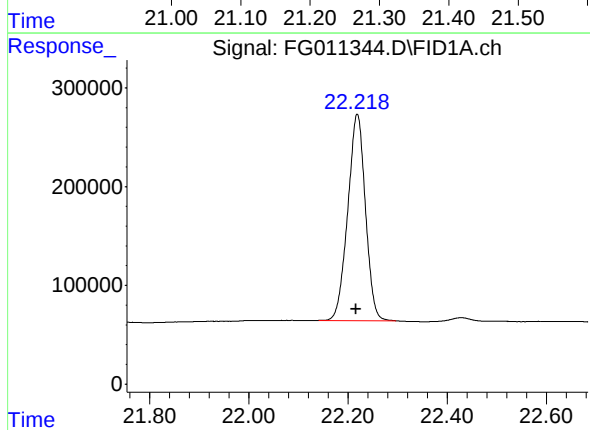
ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.218 min
Delta R.T.: 0.002 min
Response: 5177592
Conc: 46.04 ug/ml m