

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110124\
 Data File : FG014626.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2024 17:34
 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 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 04 01:31:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102124.M
 Quant Title :
 QLast Update : Mon Oct 21 17:03:32 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...	15.057	5752066	48.092 ug/mlm
Target Compounds			
1) N-OCTANE	2.064	5836809	48.399 ug/ml
2) N-DECANE	4.581	6593082	53.249 ug/ml
3) N-DODECANE	6.753	6682694	53.024 ug/ml
4) N-TETRADECANE	8.585	6712287	52.239 ug/ml
5) N-HEXADECANE	10.196	6722115	51.625 ug/ml
6) N-OCTADECANE	11.643	6799546	50.674 ug/ml
7) N-EICOSANE	12.956	6821091	50.031 ug/ml
8) N-DOCOSANE	14.156	6551316	49.347 ug/ml
10) N-TETRACOSANE	15.262	6478937	48.606 ug/ml
11) N-HEXACOSANE	16.283	6378367	47.920 ug/ml
12) N-OCTACOSANE	17.235	6322440	47.676 ug/ml
13) N-TRIACONTANE	18.124	6575489	49.119 ug/ml
14) N-DOTRIACONTANE	18.956	6558918	49.590 ug/ml
15) N-TETRATRIACONTANE	19.740	6189215	48.997 ug/ml
16) N-HEXATRIACONTANE	20.480	5805226	50.160 ug/ml
17) N-OCTATRIACONTANE	21.231	5407252	51.102 ug/ml
18) N-TETRACONTANE	22.174	5093436	53.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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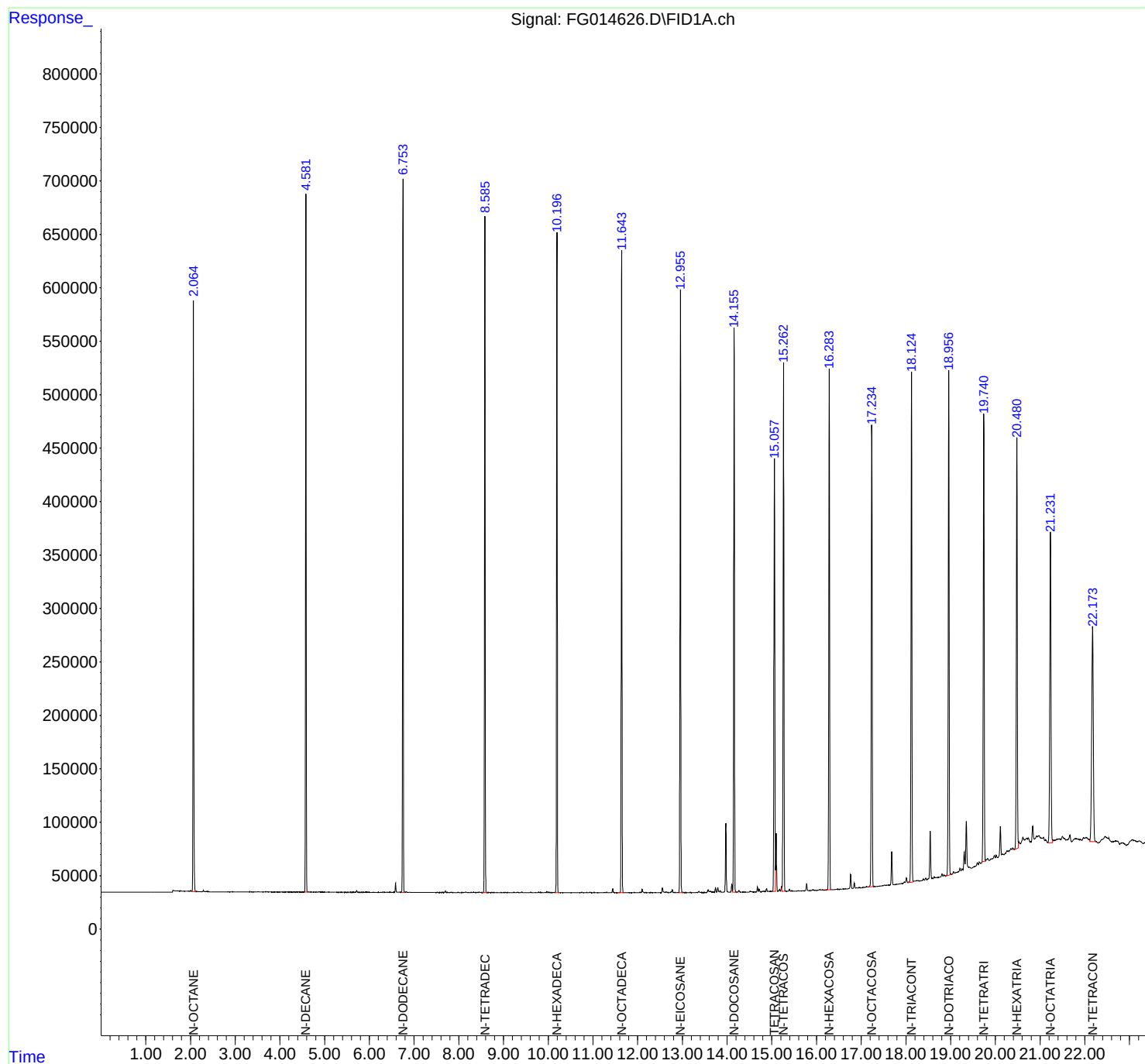
Instrument :
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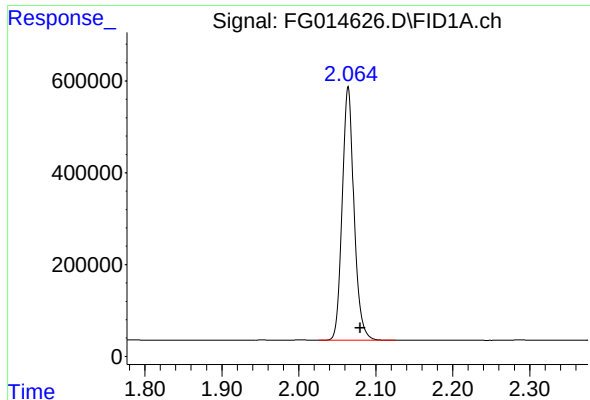
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Signal Phase : Rxi-1ms
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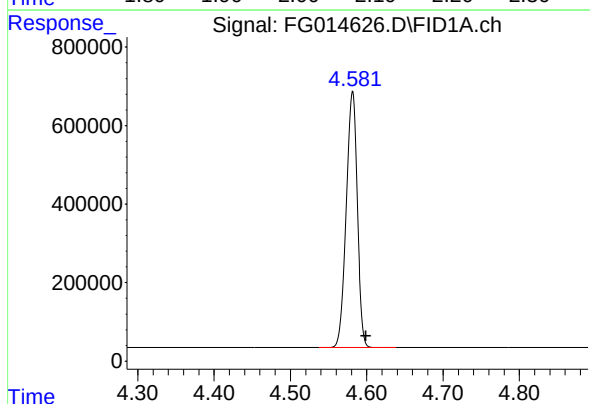
#1 N-OCTANE

R.T.: 2.064 min
Delta R.T.: -0.016 min
Response: 5836809
Conc: 48.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

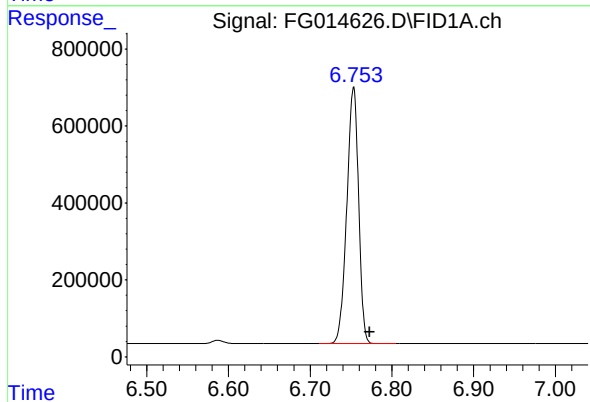
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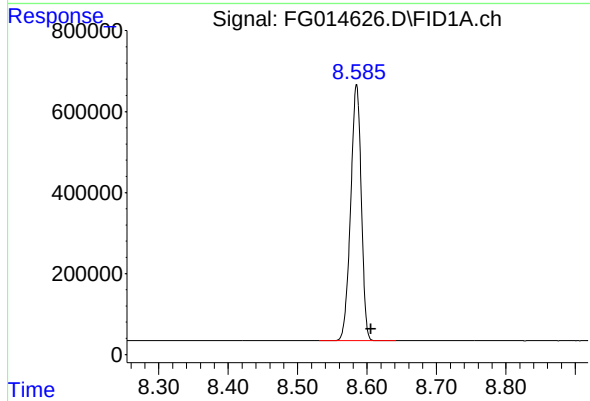
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.018 min
Response: 6593082
Conc: 53.25 ug/ml



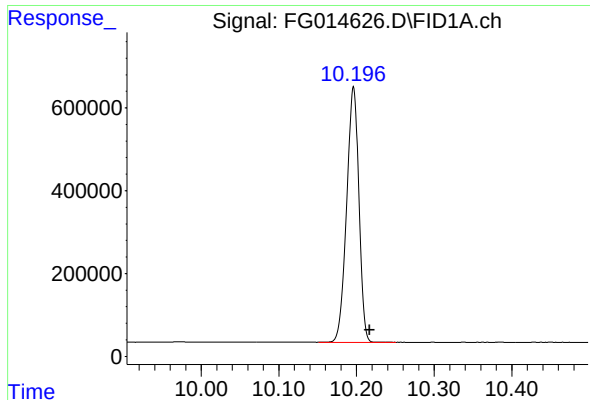
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: -0.020 min
Response: 6682694
Conc: 53.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.585 min
Delta R.T.: -0.021 min
Response: 6712287
Conc: 52.24 ug/ml



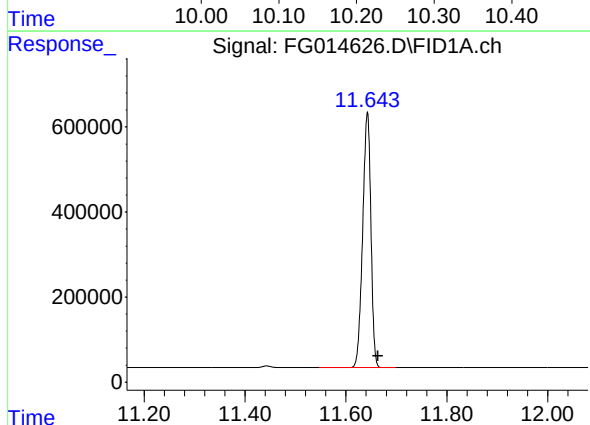
#5 N-HEXADECANE

R.T.: 10.196 min
Delta R.T.: -0.021 min
Response: 6722115
Conc: 51.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

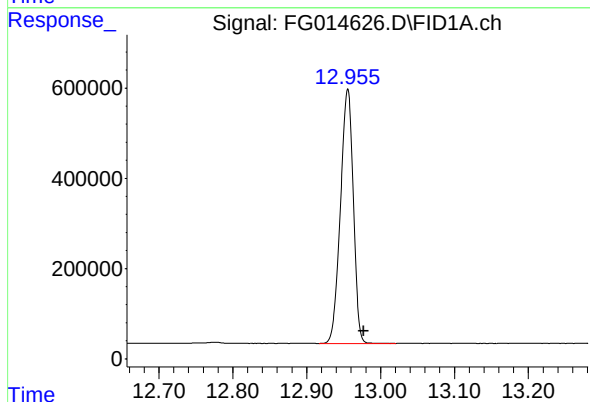
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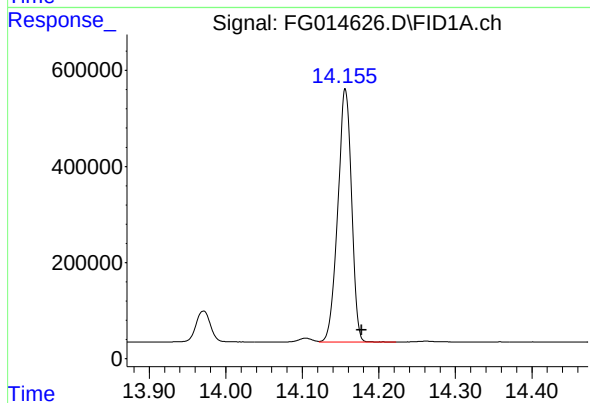
#6 N-OCTADECANE

R.T.: 11.643 min
Delta R.T.: -0.021 min
Response: 6799546
Conc: 50.67 ug/ml



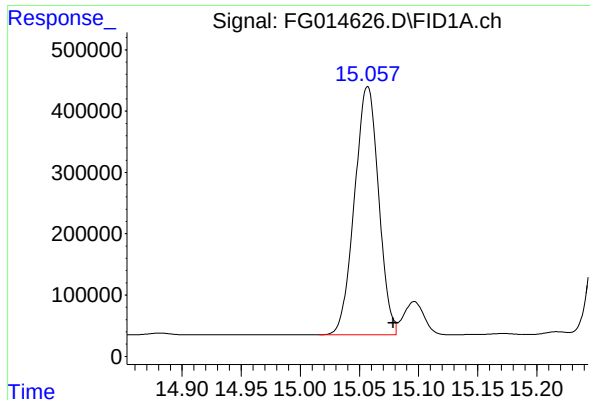
#7 N-EICOSANE

R.T.: 12.956 min
Delta R.T.: -0.021 min
Response: 6821091
Conc: 50.03 ug/ml



#8 N-DOCOSANE

R.T.: 14.156 min
Delta R.T.: -0.021 min
Response: 6551316
Conc: 49.35 ug/ml



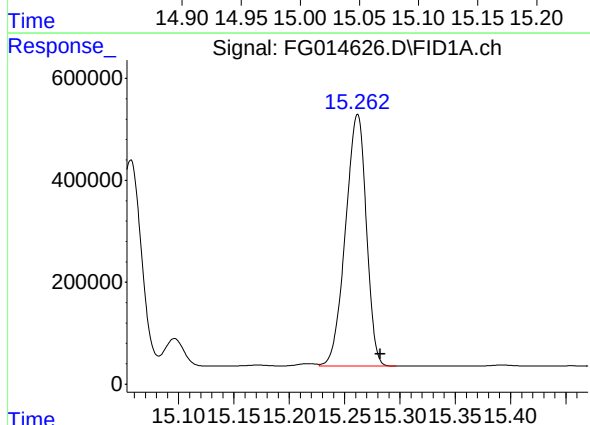
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.057 min
Delta R.T.: -0.022 min
Response: 5752066
Conc: 48.09 ug/ml

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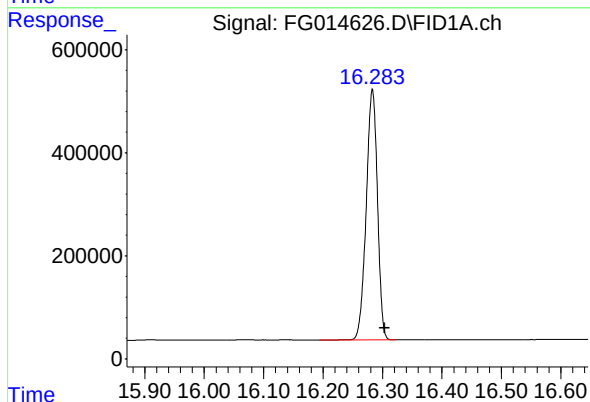
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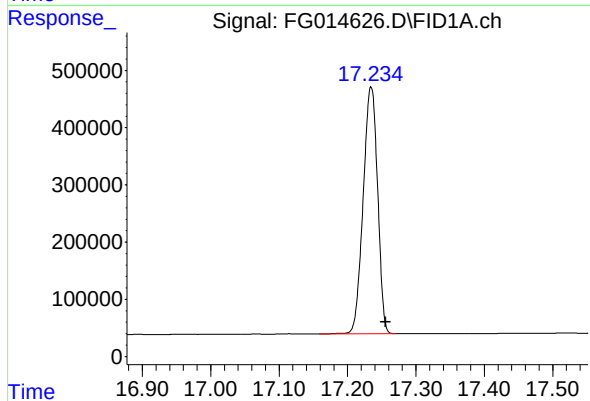
#10 N-TETRACOSANE

R.T.: 15.262 min
Delta R.T.: -0.020 min
Response: 6478937
Conc: 48.61 ug/ml



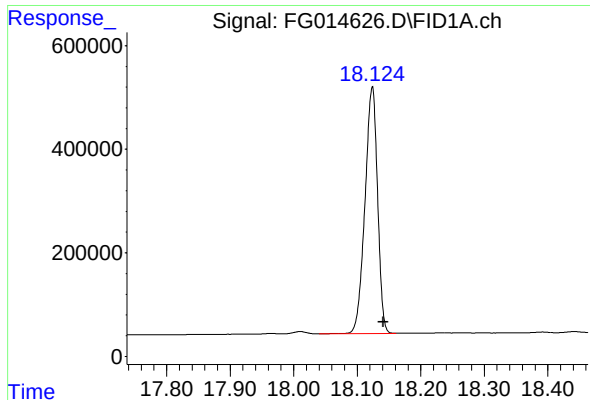
#11 N-HEXACOSANE

R.T.: 16.283 min
Delta R.T.: -0.021 min
Response: 6378367
Conc: 47.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.235 min
Delta R.T.: -0.021 min
Response: 6322440
Conc: 47.68 ug/ml



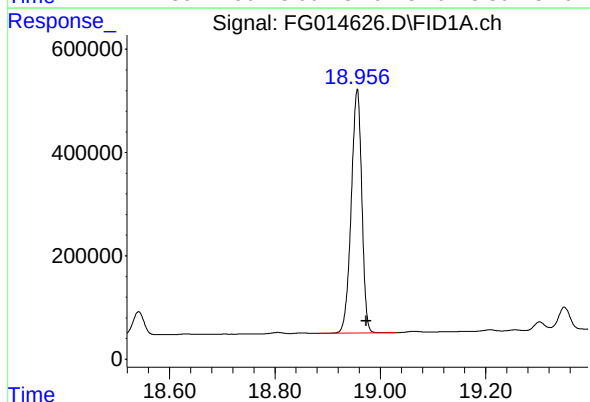
#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: -0.017 min
Response: 6575489
Conc: 49.12 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

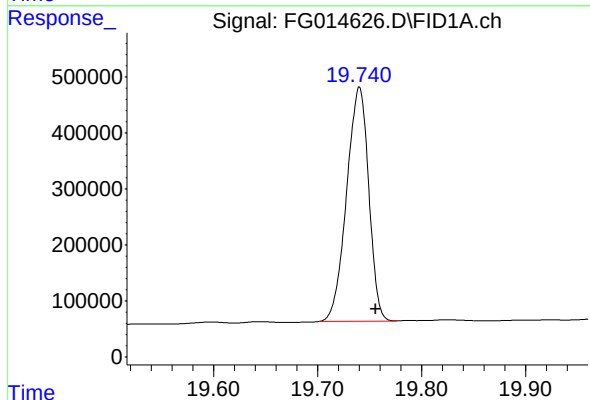
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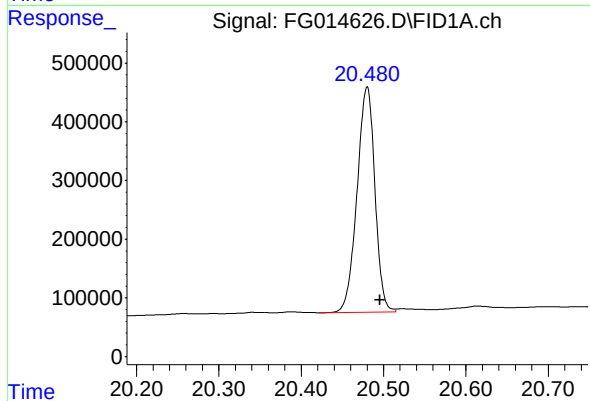
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: -0.017 min
Response: 6558918
Conc: 49.59 ug/ml



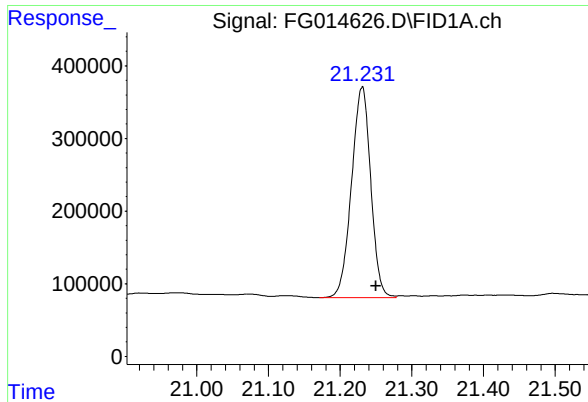
#15 N-TETRATRIACONTANE

R.T.: 19.740 min
Delta R.T.: -0.016 min
Response: 6189215
Conc: 49.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.480 min
Delta R.T.: -0.016 min
Response: 5805226
Conc: 50.16 ug/ml



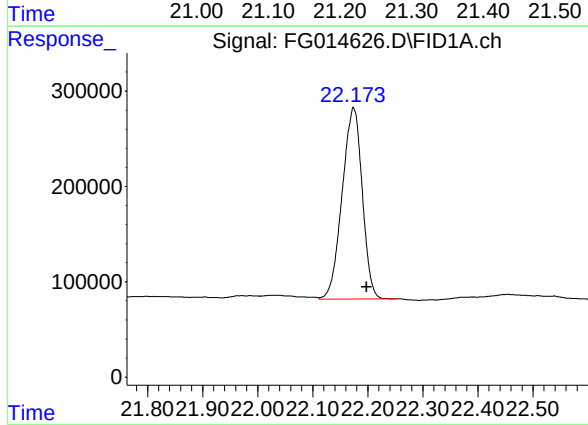
#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.019 min
Response: 5407252
Conc: 51.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.174 min
Delta R.T.: -0.024 min
Response: 5093436
Conc: 53.62 ug/ml