

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032622\
 Data File : FG009443.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2022 02:10
 Operator : AJ\MA
 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 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 27 03:30:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 2022
 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...	14.632	5689779	41.288 ug/ml
Target Compounds			
1) N-OCTANE	2.233	7040730	48.956 ug/ml
2) N-DECANE	4.332	7230536	49.430 ug/ml
3) N-DODECANE	6.360	7199944	48.280 ug/ml
4) N-TETRADECANE	8.160	7165404	46.931 ug/ml
5) N-HEXADECANE	9.765	7069379	45.633 ug/ml
6) N-OCTADECANE	11.212	7083621	44.391 ug/ml
7) N-EICOSANE	12.526	6737225	43.154 ug/ml
8) N-DOCOSANE	13.729	6516304	42.100 ug/ml
10) N-TETRACOSANE	14.836	6375175	41.338 ug/ml
11) N-HEXACOSANE	15.861	6177818	40.691 ug/ml
12) N-OCTACOSANE	16.813	6052006	40.837 ug/ml
13) N-TRIACONTANE	17.704	5917525	41.496 ug/ml
14) N-DOTRIACONTANE	18.540	5734658	43.126 ug/mlm
15) N-TETRATRIACONTANE	19.326	5325628	45.579 ug/mlm
16) N-HEXATRIACONTANE	20.067	4730202	47.966 ug/mlm
17) N-OCTATRIACONTANE	20.808	4369814	50.407 ug/ml
18) N-TETRACONTANE	21.722	4335202	51.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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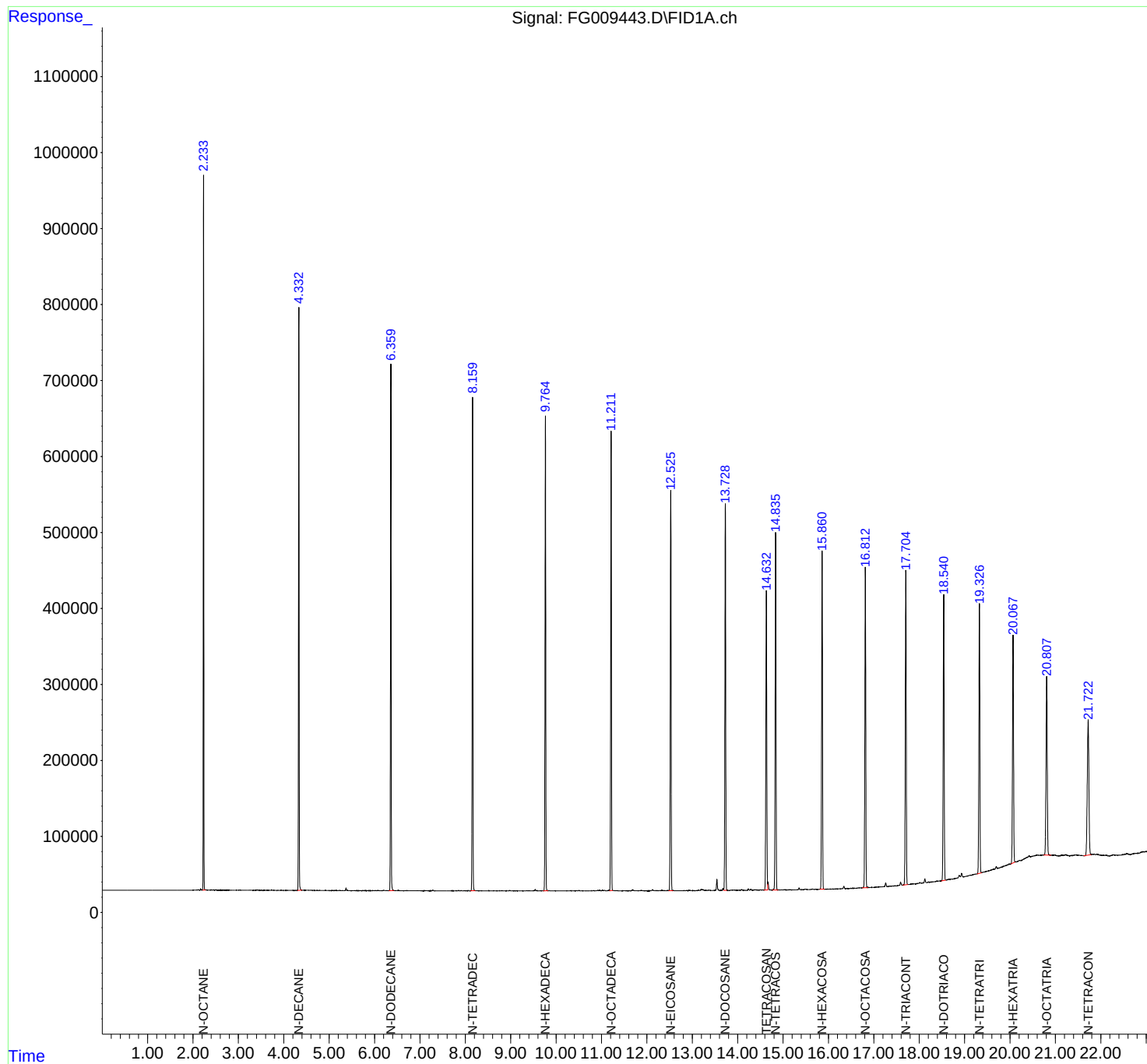
Instrument :
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50 PPM TRPH STD

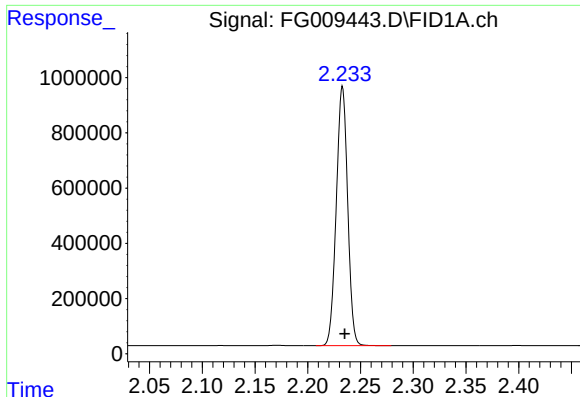
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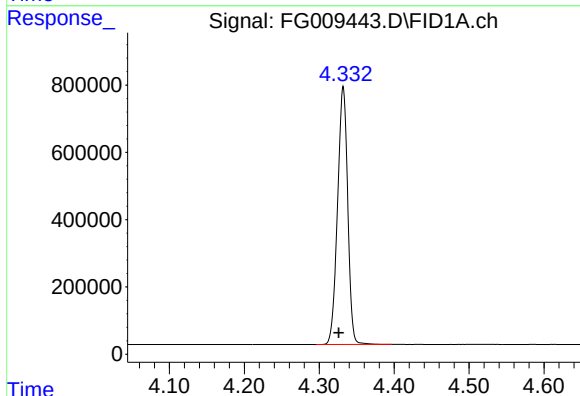
#1 N-OCTANE

R.T.: 2.233 min
Delta R.T.: -0.002 min
Response: 7040730
Conc: 48.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

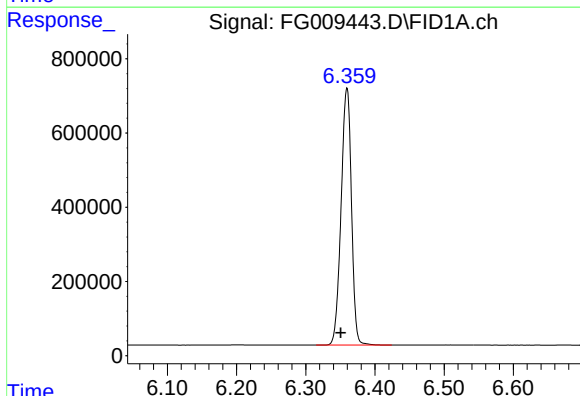
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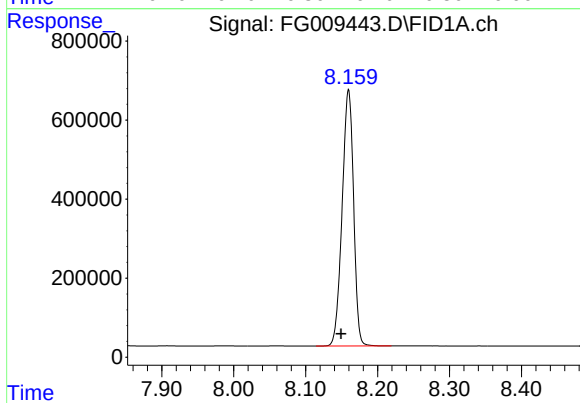
#2 N-DECANE

R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 7230536
Conc: 49.43 ug/ml



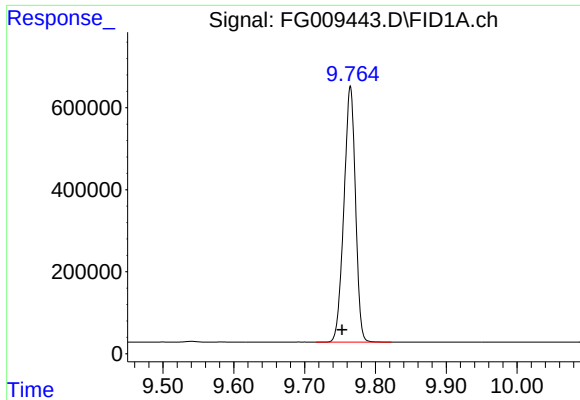
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: 0.009 min
Response: 7199944
Conc: 48.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.160 min
Delta R.T.: 0.010 min
Response: 7165404
Conc: 46.93 ug/ml



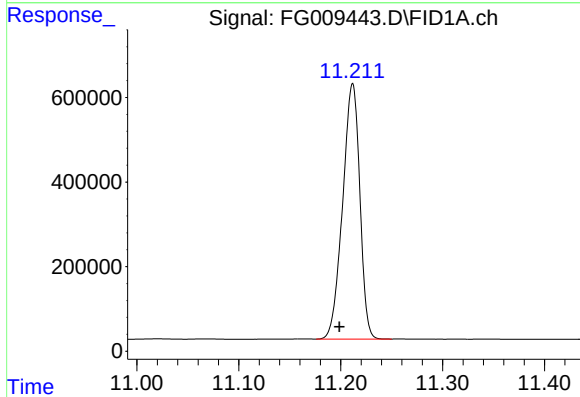
#5 N-HEXADECANE

R.T.: 9.765 min
Delta R.T.: 0.012 min
Response: 7069379
Conc: 45.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

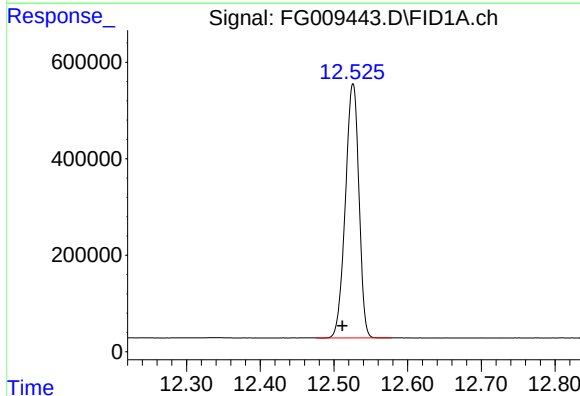
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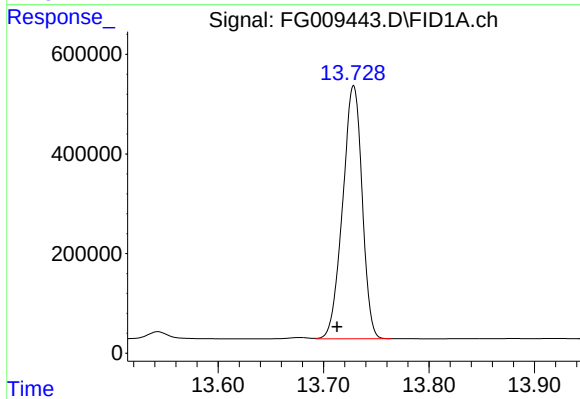
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.013 min
Response: 7083621
Conc: 44.39 ug/ml



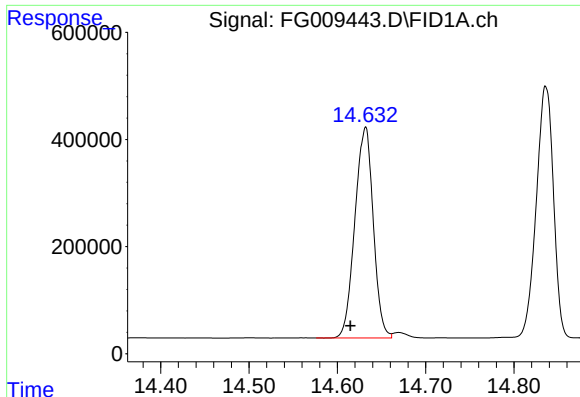
#7 N-EICOSANE

R.T.: 12.526 min
Delta R.T.: 0.014 min
Response: 6737225
Conc: 43.15 ug/ml



#8 N-DOCOSANE

R.T.: 13.729 min
Delta R.T.: 0.016 min
Response: 6516304
Conc: 42.10 ug/ml



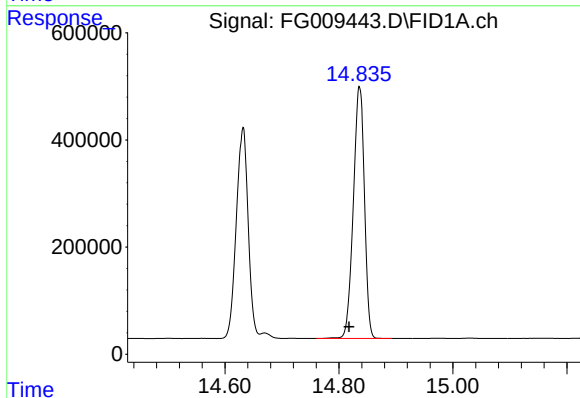
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.632 min
Delta R.T.: 0.017 min
Response: 5689779
Conc: 41.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

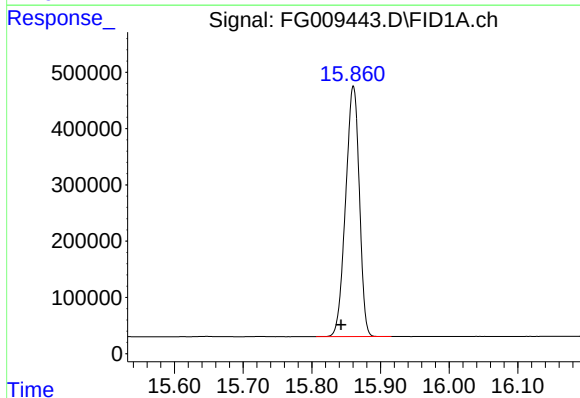
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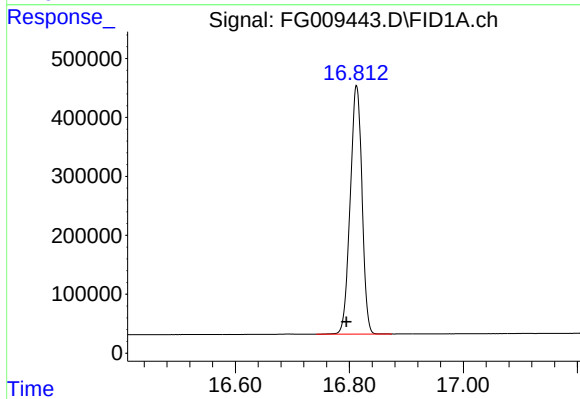
#10 N-TETRACOSANE

R.T.: 14.836 min
Delta R.T.: 0.018 min
Response: 6375175
Conc: 41.34 ug/ml



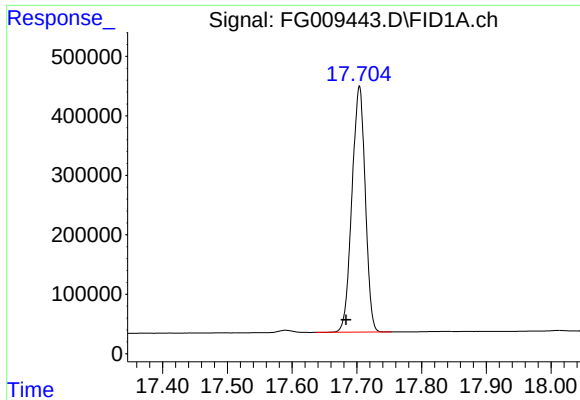
#11 N-HEXACOSANE

R.T.: 15.861 min
Delta R.T.: 0.018 min
Response: 6177818
Conc: 40.69 ug/ml



#12 N-OCTACOSANE

R.T.: 16.813 min
Delta R.T.: 0.018 min
Response: 6052006
Conc: 40.84 ug/ml



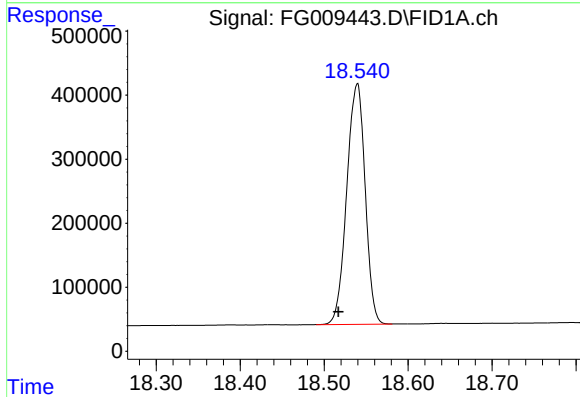
#13 N-TRIACONTANE

R.T.: 17.704 min
Delta R.T.: 0.021 min
Response: 5917525
Conc: 41.50 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

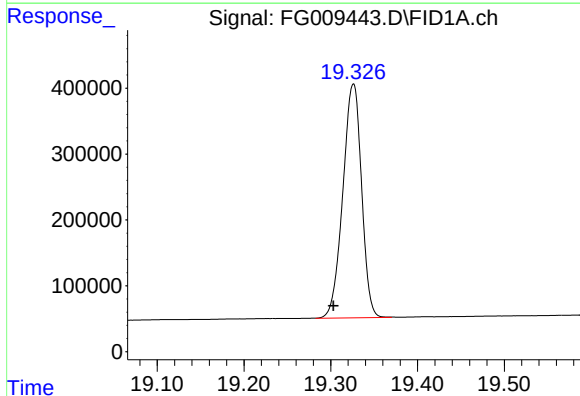
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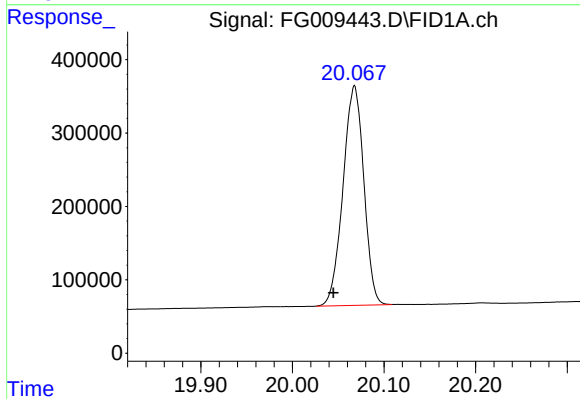
#14 N-DOTRIACONTANE

R.T.: 18.540 min
Delta R.T.: 0.023 min
Response: 5734658
Conc: 43.13 ug/ml m



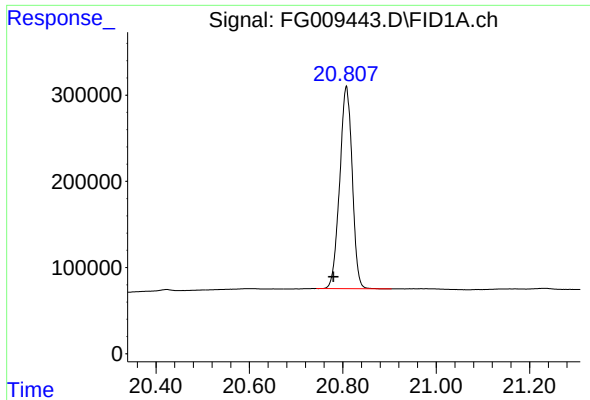
#15 N-TETRATRIACONTANE

R.T.: 19.326 min
Delta R.T.: 0.023 min
Response: 5325628
Conc: 45.58 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.067 min
Delta R.T.: 0.023 min
Response: 4730202
Conc: 47.97 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.808 min
Delta R.T.: 0.027 min
Response: 4369814
Conc: 50.41 ug/ml

Instrument :

FID_G

ClientSampleId :

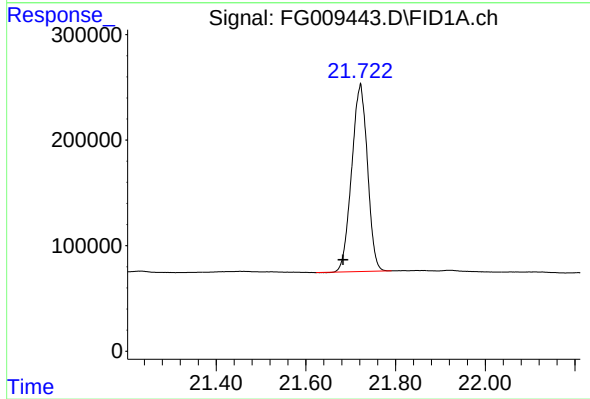
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#18 N-TETRACONTANE

R.T.: 21.722 min
Delta R.T.: 0.039 min
Response: 4335202
Conc: 51.00 ug/ml