

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010772.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2022 20:26
 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 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 06:41:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.743	6041910	49.801 ug/ml
Target Compounds			
1) N-OCTANE	1.770	6390136	50.123 ug/ml
2) N-DECANE	4.266	6669666	51.251 ug/ml
3) N-DODECANE	6.449	6810208	51.351 ug/ml
4) N-TETRADECANE	8.280	6889919	51.382 ug/ml
5) N-HEXADECANE	9.888	7036083	50.744 ug/ml
6) N-OCTADECANE	11.332	7083078	50.257 ug/ml
7) N-EICOSANE	12.642	7037025	49.763 ug/ml
8) N-DOCOSANE	13.843	6854578	49.516 ug/ml
10) N-TETRACOSANE	14.948	6812440	49.447 ug/ml
11) N-HEXACOSANE	15.970	6681850	49.527 ug/ml
12) N-OCTACOSANE	16.922	6586086	50.224 ug/ml
13) N-TRIACONTANE	17.811	6599500	51.271 ug/ml
14) N-DOTRIACONTANE	18.645	6590947	51.867 ug/ml
15) N-TETRATRIACONTANE	19.429	6497117	51.756 ug/mlm
16) N-HEXATRIACONTANE	20.171	6082735	50.513 ug/ml
17) N-OCTATRIACONTANE	20.880	5835438	47.479 ug/ml
18) N-TETRACONTANE	21.704	5692561	45.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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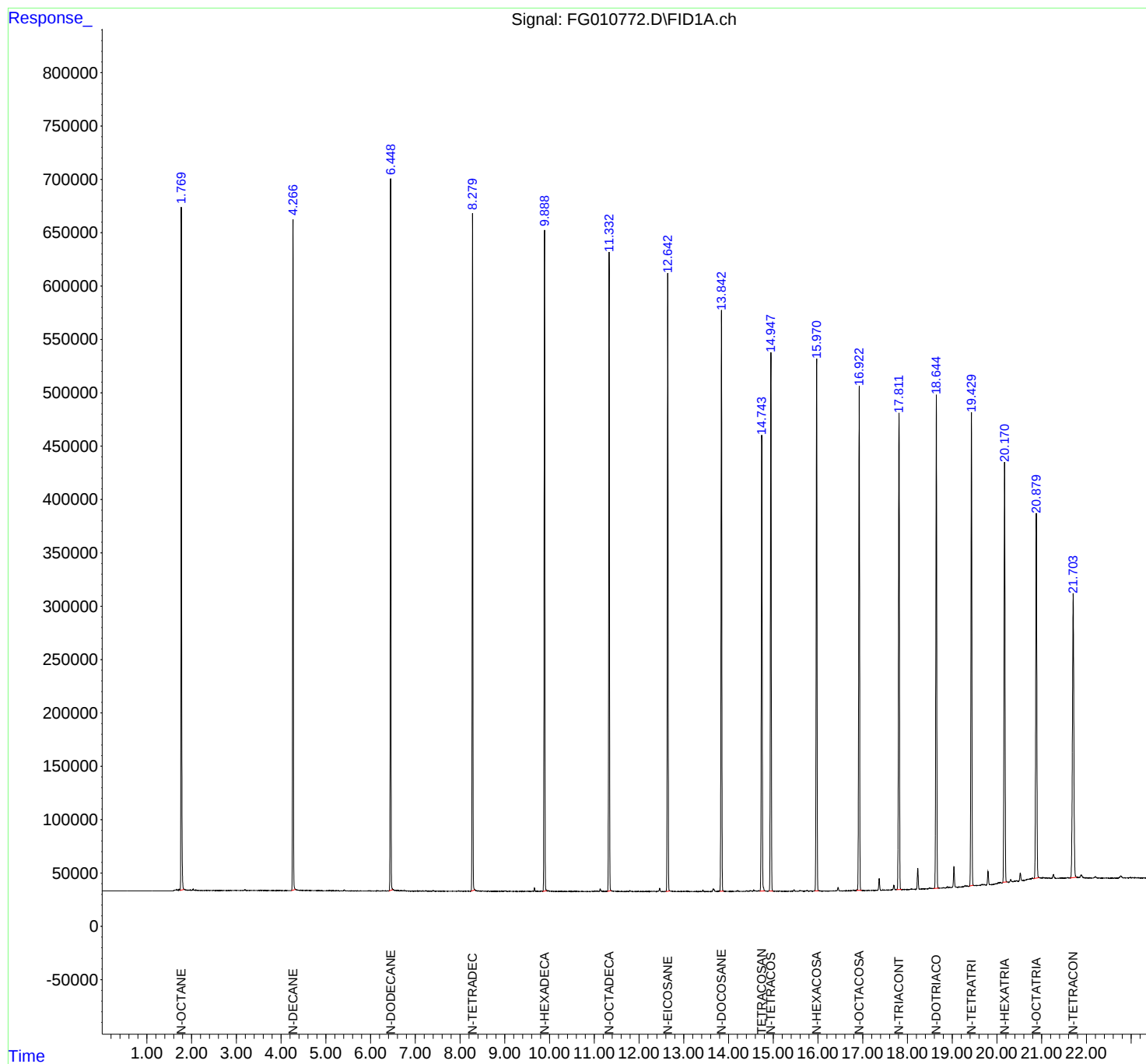
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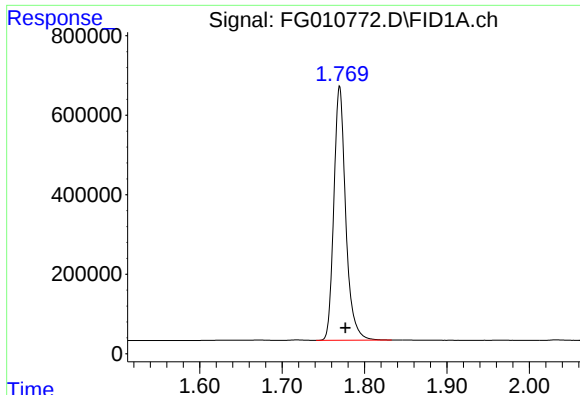
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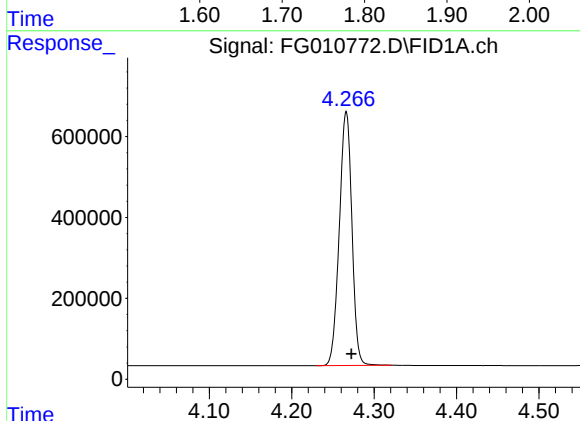
#1 N-OCTANE

R.T.: 1.770 min
Delta R.T.: -0.007 min
Response: 6390136
Conc: 50.12 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

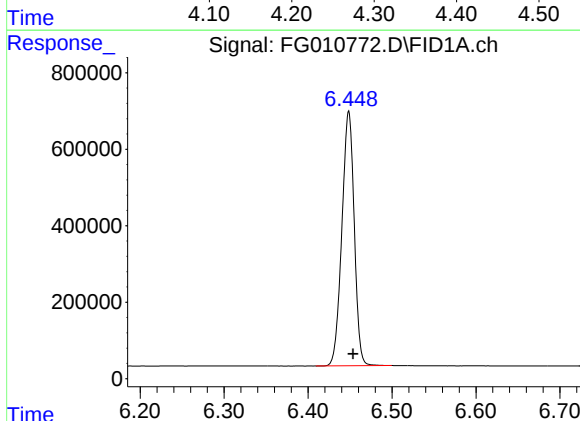
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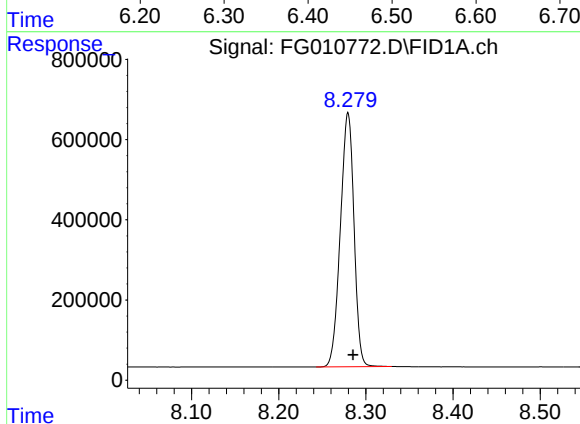
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 6669666
Conc: 51.25 ug/ml



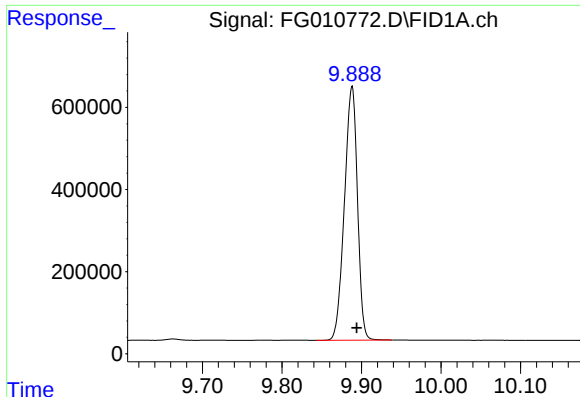
#3 N-DODECANE

R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 6810208
Conc: 51.35 ug/ml



#4 N-TETRADECANE

R.T.: 8.280 min
Delta R.T.: -0.006 min
Response: 6889919
Conc: 51.38 ug/ml



#5 N-HEXADECANE

R.T.: 9.888 min
Delta R.T.: -0.006 min
Response: 7036083
Conc: 50.74 ug/ml

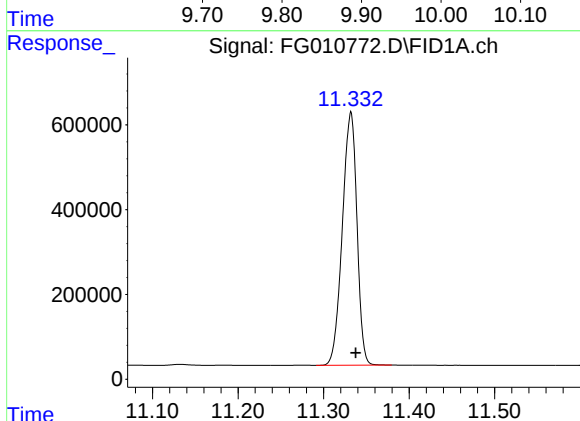
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

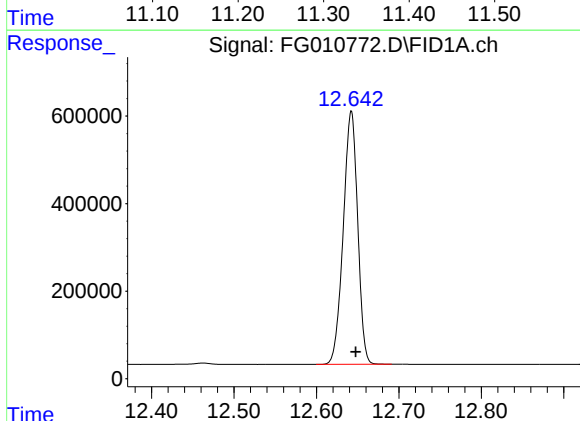
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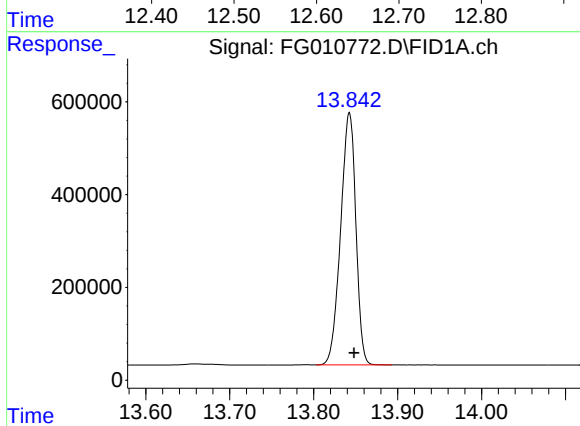
#6 N-OCTADECANE

R.T.: 11.332 min
Delta R.T.: -0.006 min
Response: 7083078
Conc: 50.26 ug/ml



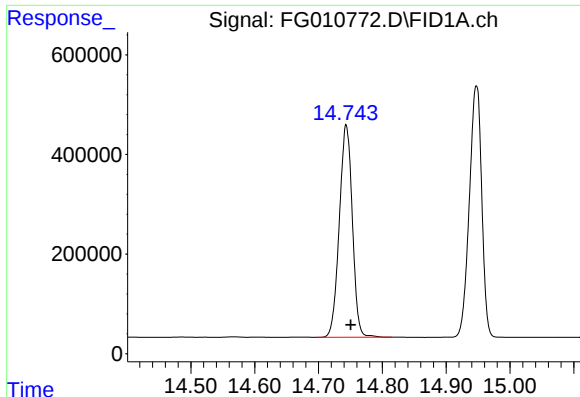
#7 N-EICOSANE

R.T.: 12.642 min
Delta R.T.: -0.006 min
Response: 7037025
Conc: 49.76 ug/ml



#8 N-DOCOSANE

R.T.: 13.843 min
Delta R.T.: -0.006 min
Response: 6854578
Conc: 49.52 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: -0.007 min
Response: 6041910
Conc: 49.80 ug/ml

Instrument :

FID_G

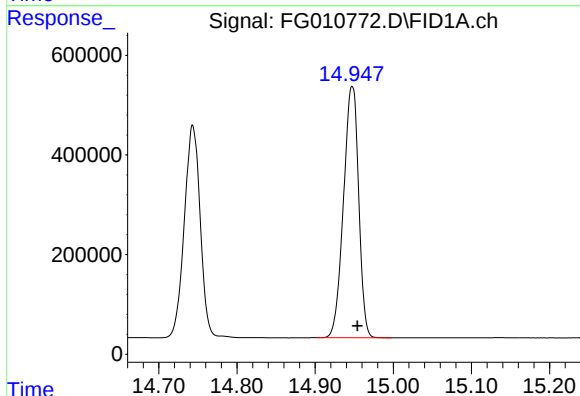
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

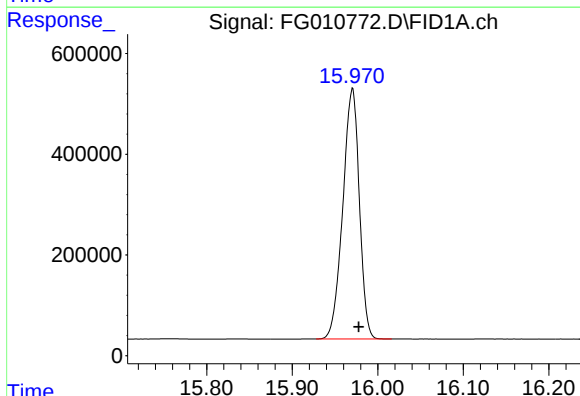
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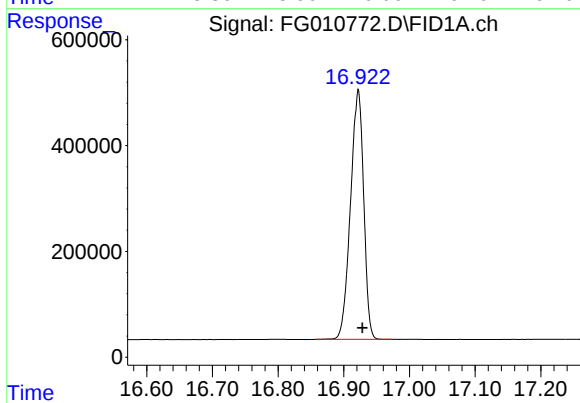
#10 N-TETRACOSANE

R.T.: 14.948 min
Delta R.T.: -0.006 min
Response: 6812440
Conc: 49.45 ug/ml



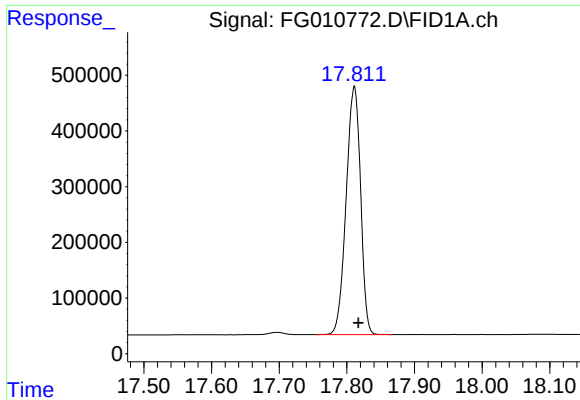
#11 N-HEXACOSANE

R.T.: 15.970 min
Delta R.T.: -0.007 min
Response: 6681850
Conc: 49.53 ug/ml



#12 N-OCTACOSANE

R.T.: 16.922 min
Delta R.T.: -0.006 min
Response: 6586086
Conc: 50.22 ug/ml



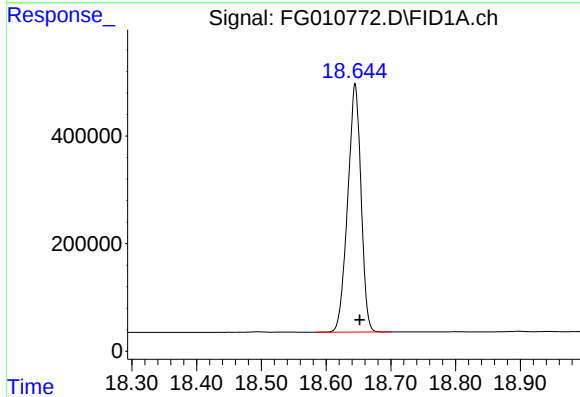
#13 N-TRIACONTANE

R.T.: 17.811 min
Delta R.T.: -0.006 min
Response: 6599500
Conc: 51.27 ug/ml

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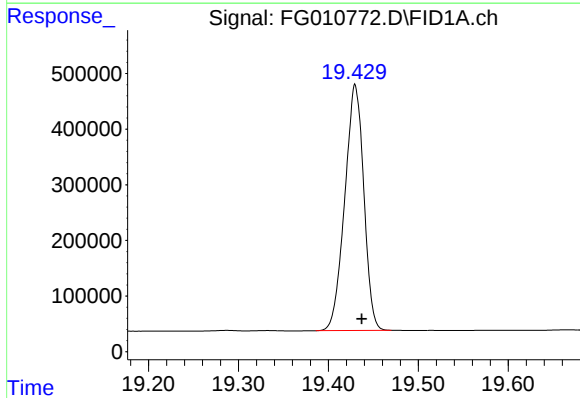
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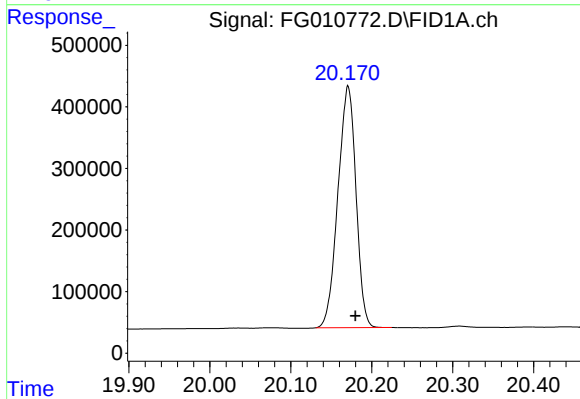
#14 N-DOTRIACONTANE

R.T.: 18.645 min
Delta R.T.: -0.007 min
Response: 6590947
Conc: 51.87 ug/ml



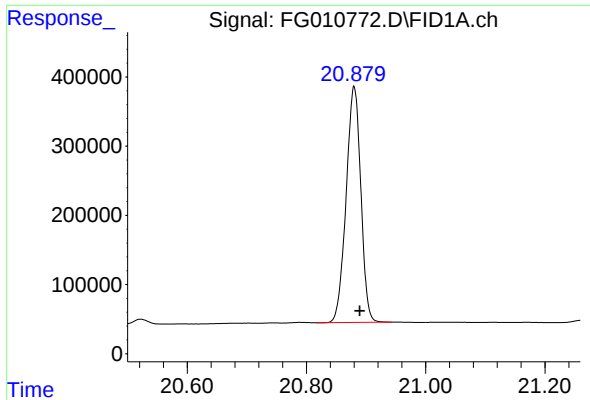
#15 N-TETRATRIACONTANE

R.T.: 19.429 min
Delta R.T.: -0.008 min
Response: 6497117
Conc: 51.76 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.171 min
Delta R.T.: -0.009 min
Response: 6082735
Conc: 50.51 ug/ml



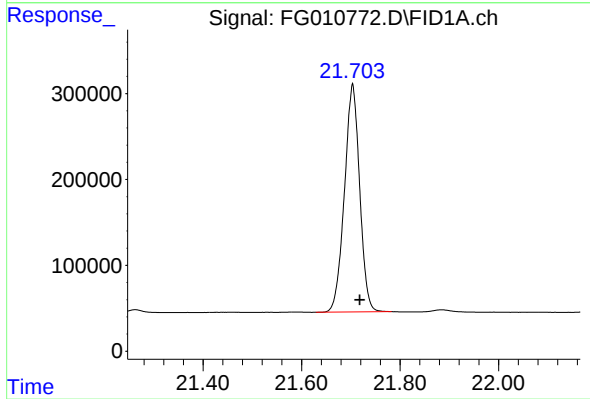
#17 N-OCTATRIACONTANE

R.T.: 20.880 min
Delta R.T.: -0.010 min
Response: 5835438
Conc: 47.48 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.704 min
Delta R.T.: -0.015 min
Response: 5692561
Conc: 45.31 ug/ml