

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062223\
 Data File : FG012260.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2023 20:15
 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 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 01:12:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Thu Jun 01 17:30:11 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...	14.999	5806269	43.547 ug/ml
Target Compounds			
1) N-OCTANE	2.023	6646880	47.794 ug/ml
2) N-DECANE	4.534	6926804	47.011 ug/ml
3) N-DODECANE	6.705	7039673	46.899 ug/ml
4) N-TETRADECANE	8.534	6983542	46.612 ug/ml
5) N-HEXADECANE	10.143	7140514	45.637 ug/ml
6) N-OCTADECANE	11.589	7131310	44.842 ug/ml
7) N-EICOSANE	12.899	7013869	44.199 ug/ml
8) N-DOCOSANE	14.099	6639422	43.455 ug/ml
10) N-TETRACOSANE	15.203	6605226	44.219 ug/ml
11) N-HEXACOSANE	16.226	6243117	44.085 ug/ml
12) N-OCTACOSANE	17.176	6132242	45.299 ug/ml
13) N-TRIACONTANE	18.066	6125666	46.232 ug/ml
14) N-DOTRIACONTANE	18.898	6035310	47.281 ug/ml
15) N-TETRATRIACONTANE	19.684	5982121	49.147 ug/ml
16) N-HEXATRIACONTANE	20.425	6090839	49.698 ug/mlm
17) N-OCTATRIACONTANE	21.164	6267916	49.127 ug/ml
18) N-TETRACONTANE	22.082	6483815	48.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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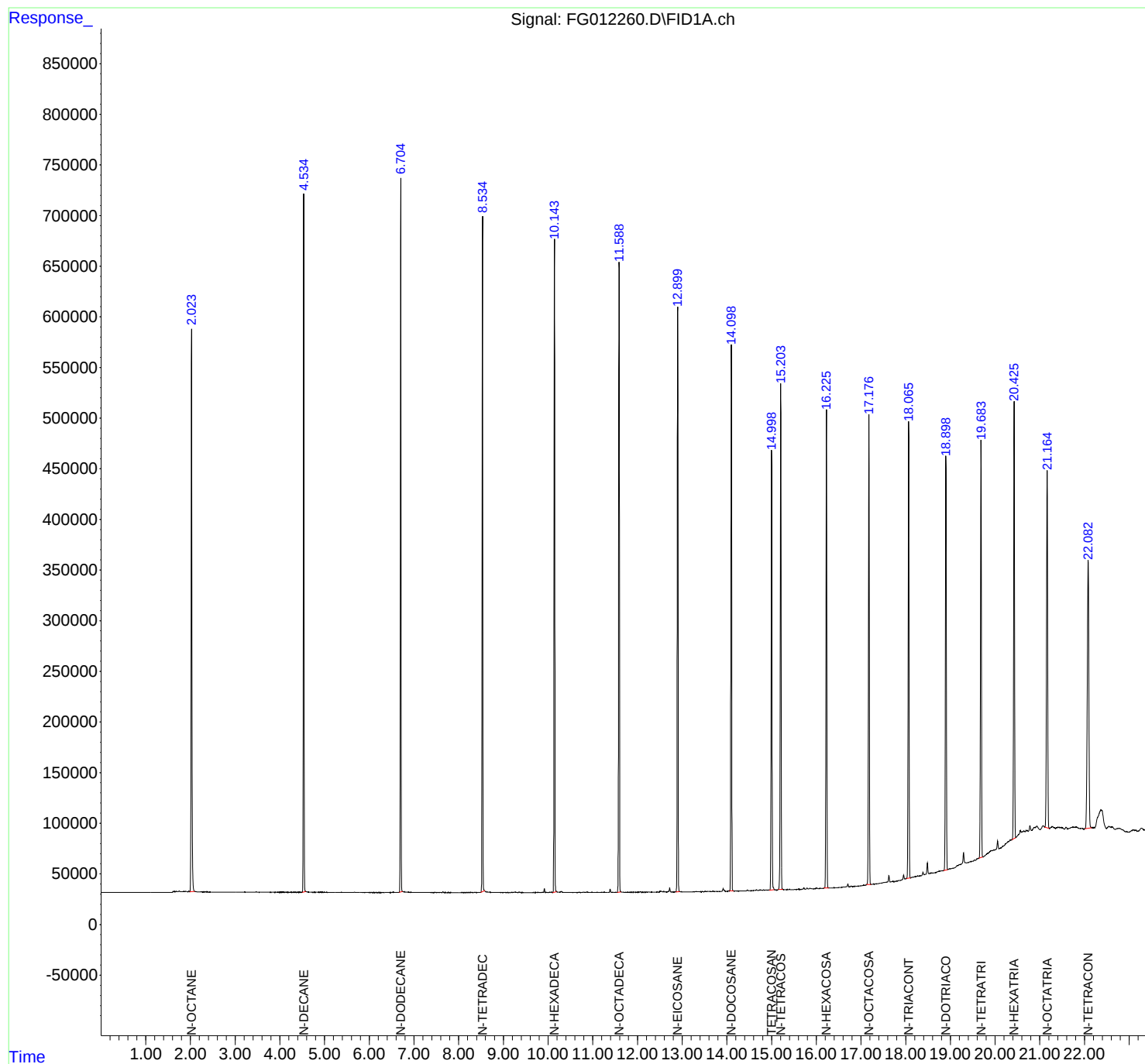
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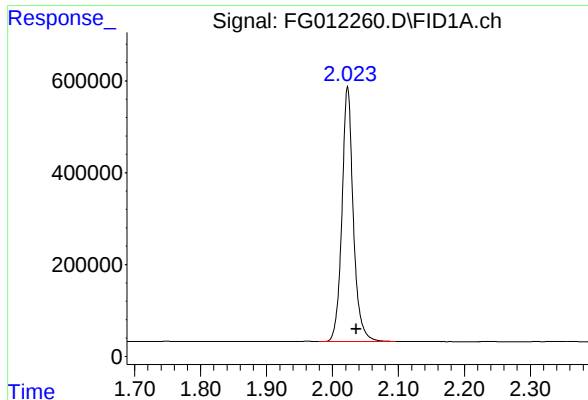
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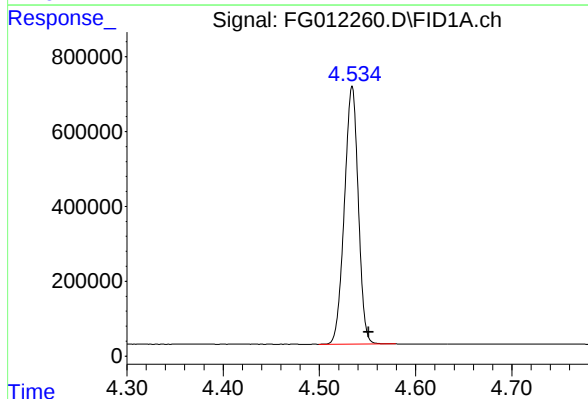
#1 N-OCTANE

R.T.: 2.023 min
Delta R.T.: -0.013 min
Response: 6646880
Conc: 47.79 ug/ml

Instrument :
FID_G
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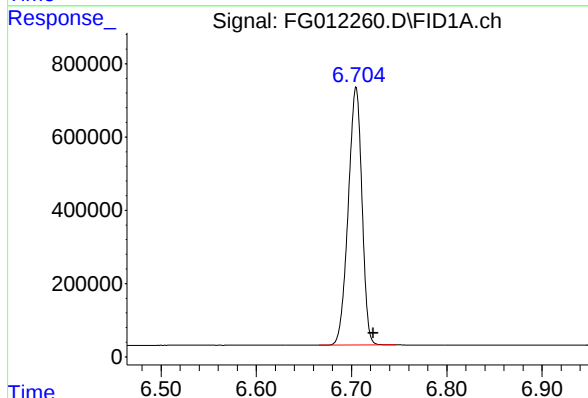
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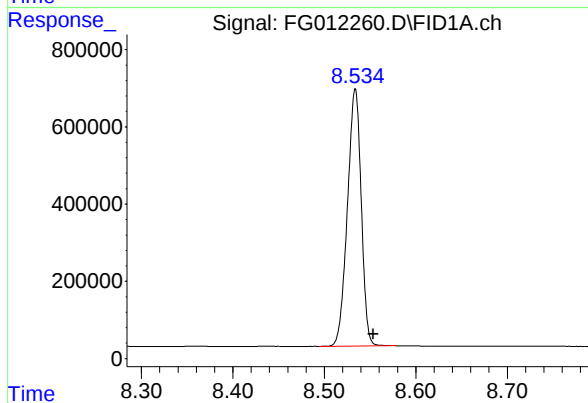
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.017 min
Response: 6926804
Conc: 47.01 ug/ml



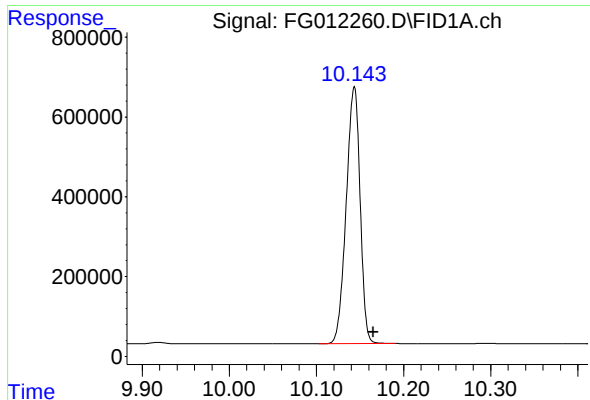
#3 N-DODECANE

R.T.: 6.705 min
Delta R.T.: -0.018 min
Response: 7039673
Conc: 46.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.534 min
Delta R.T.: -0.020 min
Response: 6983542
Conc: 46.61 ug/ml



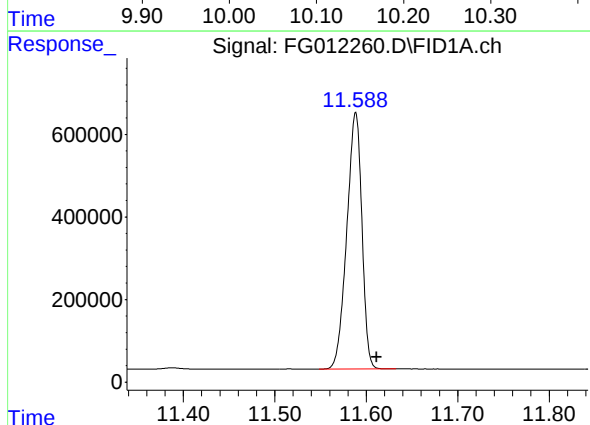
#5 N-HEXADECANE

R.T.: 10.143 min
Delta R.T.: -0.022 min
Response: 7140514
Conc: 45.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

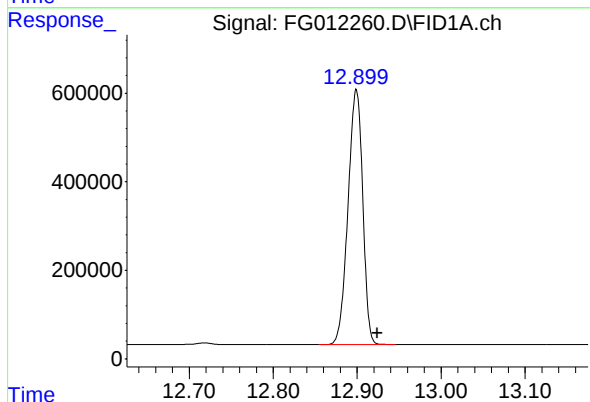
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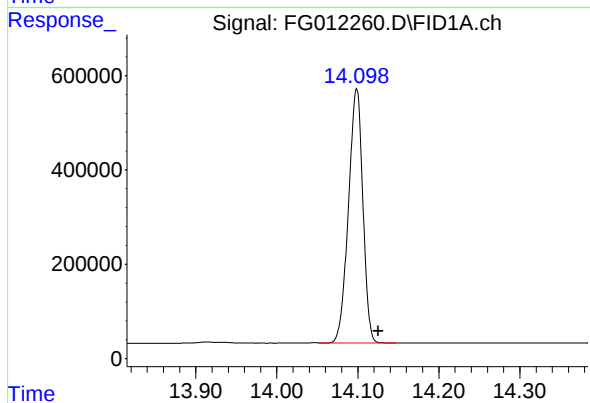
#6 N-OCTADECANE

R.T.: 11.589 min
Delta R.T.: -0.023 min
Response: 7131310
Conc: 44.84 ug/ml



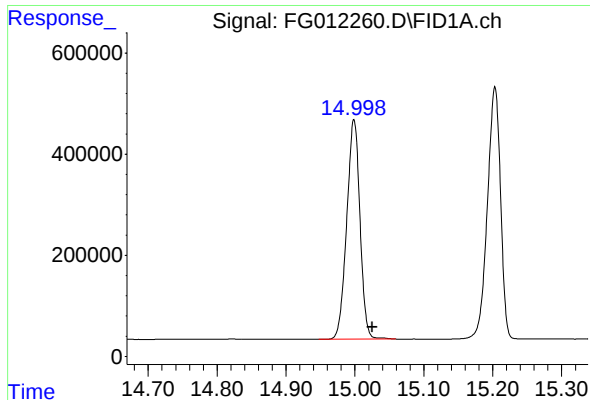
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 7013869
Conc: 44.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.099 min
Delta R.T.: -0.027 min
Response: 6639422
Conc: 43.45 ug/ml



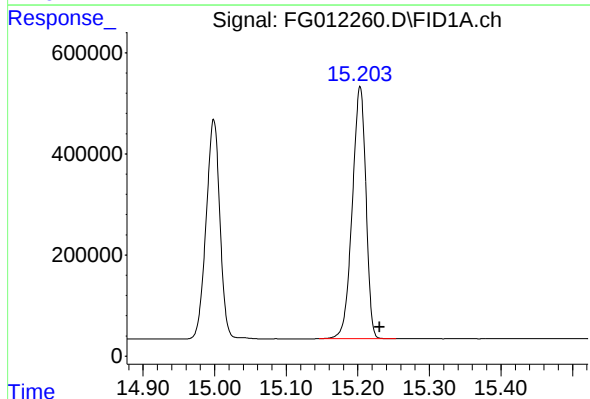
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.999 min
Delta R.T.: -0.026 min
Response: 5806269
Conc: 43.55 ug/ml

Instrument :
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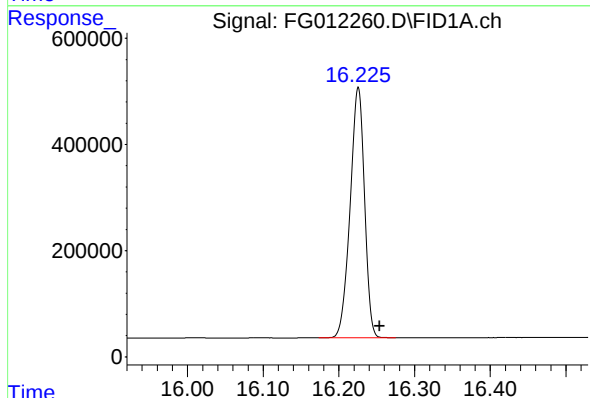
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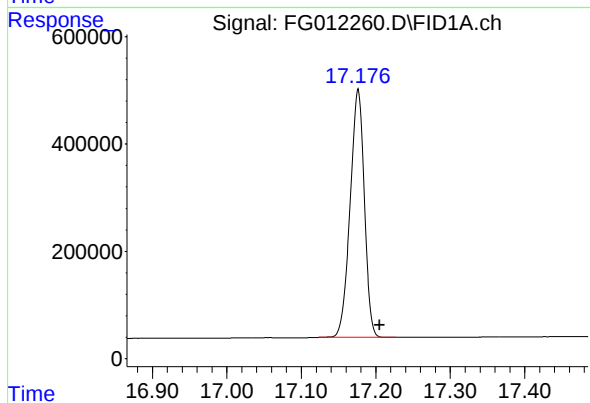
#10 N-TETRACOSANE

R.T.: 15.203 min
Delta R.T.: -0.027 min
Response: 6605226
Conc: 44.22 ug/ml



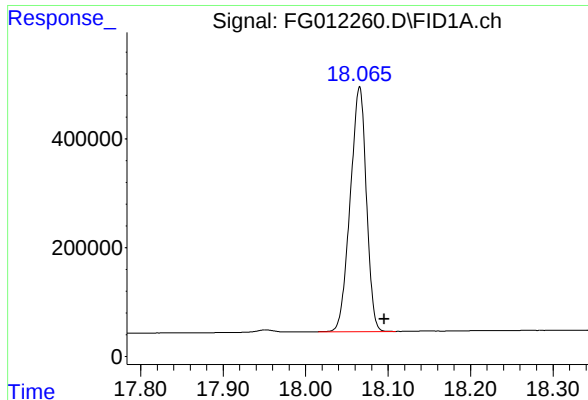
#11 N-HEXACOSANE

R.T.: 16.226 min
Delta R.T.: -0.028 min
Response: 6243117
Conc: 44.08 ug/ml



#12 N-OCTACOSANE

R.T.: 17.176 min
Delta R.T.: -0.029 min
Response: 6132242
Conc: 45.30 ug/ml



#13 N-TRIACONTANE

R.T.: 18.066 min
Delta R.T.: -0.030 min
Response: 612566
Conc: 46.23 ug/ml

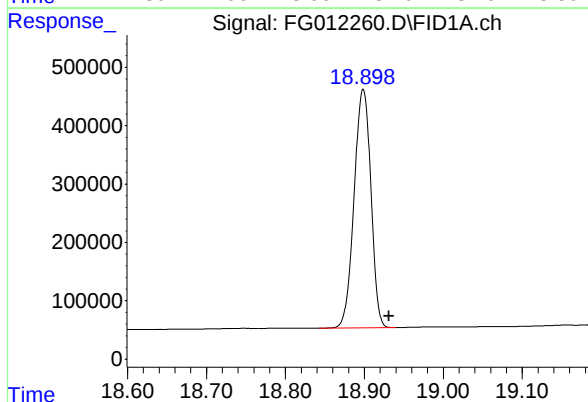
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

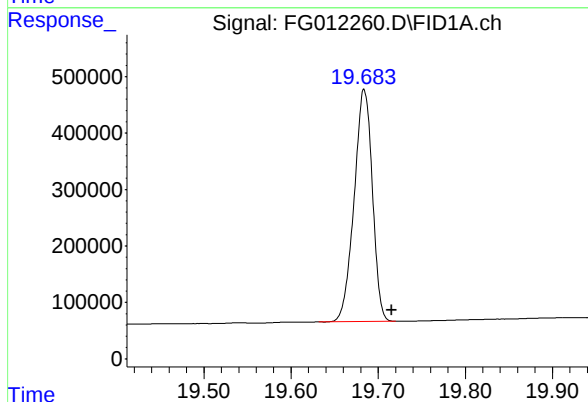
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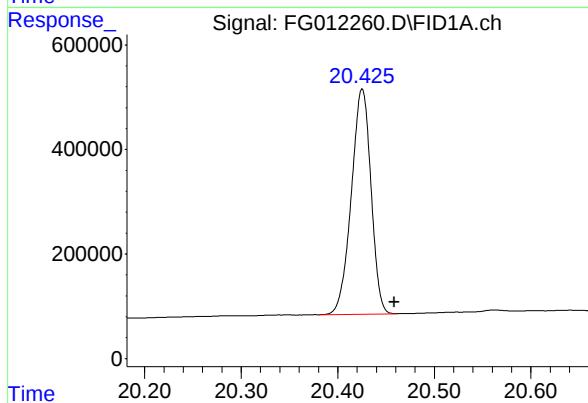
#14 N-DOTRIACONTANE

R.T.: 18.898 min
Delta R.T.: -0.032 min
Response: 6035310
Conc: 47.28 ug/ml



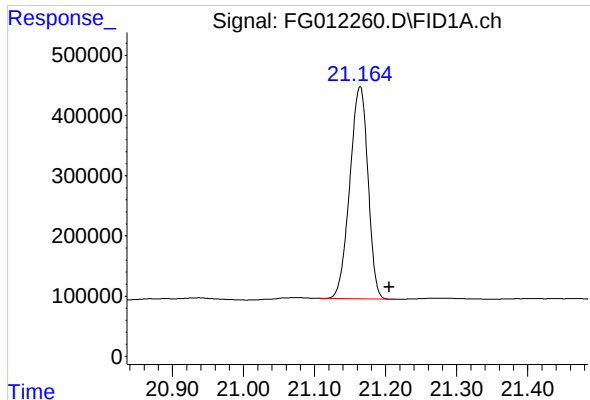
#15 N-TETRATRIACONTANE

R.T.: 19.684 min
Delta R.T.: -0.032 min
Response: 5982121
Conc: 49.15 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.425 min
Delta R.T.: -0.034 min
Response: 6090839
Conc: 49.70 ug/ml m



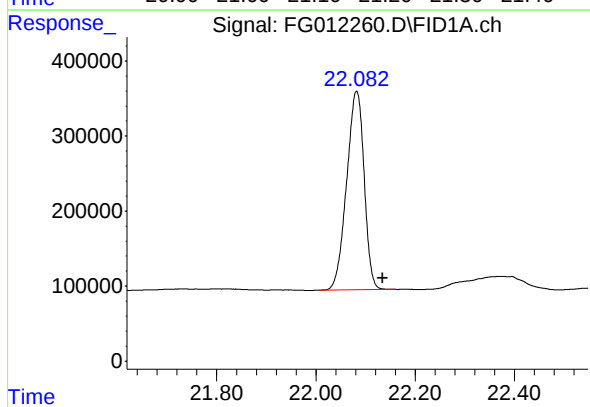
#17 N-OCTATRIACONTANE

R.T.: 21.164 min
Delta R.T.: -0.041 min
Response: 6267916
Conc: 49.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.082 min
Delta R.T.: -0.053 min
Response: 6483815
Conc: 48.97 ug/ml