

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062323\
 Data File : FG012267.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2023 10:52
 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 06/24/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 24 07:25:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Quant Title :
 QLast Update : Sat Jun 24 07:24:37 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...	14.995	6025378	45.191 ug/ml
Target Compounds			
1) N-OCTANE	2.022	6877409	49.451 ug/ml
2) N-DECANE	4.532	7192844	48.817 ug/ml
3) N-DODECANE	6.702	7326465	48.809 ug/ml
4) N-TETRADECANE	8.530	7297555	48.708 ug/ml
5) N-HEXADECANE	10.139	7440795	47.556 ug/ml
6) N-OCTADECANE	11.584	7414935	46.625 ug/ml
7) N-EICOSANE	12.895	7272122	45.826 ug/ml
8) N-DOCOSANE	14.094	6872834	44.982 ug/ml
10) N-TETRACOSANE	15.199	6803660	45.547 ug/ml
11) N-HEXACOSANE	16.221	6443144	45.497 ug/ml
12) N-OCTACOSANE	17.172	6330568	46.764 ug/ml
13) N-TRIACONTANE	18.060	6348932	47.917 ug/ml
14) N-DOTRIACONTANE	18.894	6280338	49.201 ug/ml
15) N-TETRATRIACONTANE	19.677	6246206	51.317 ug/ml
16) N-HEXATRIACONTANE	20.419	6312648	51.508 ug/mlm
17) N-OCTATRIACONTANE	21.159	6554630	51.374 ug/ml
18) N-TETRACONTANE	22.072	6666737	50.347 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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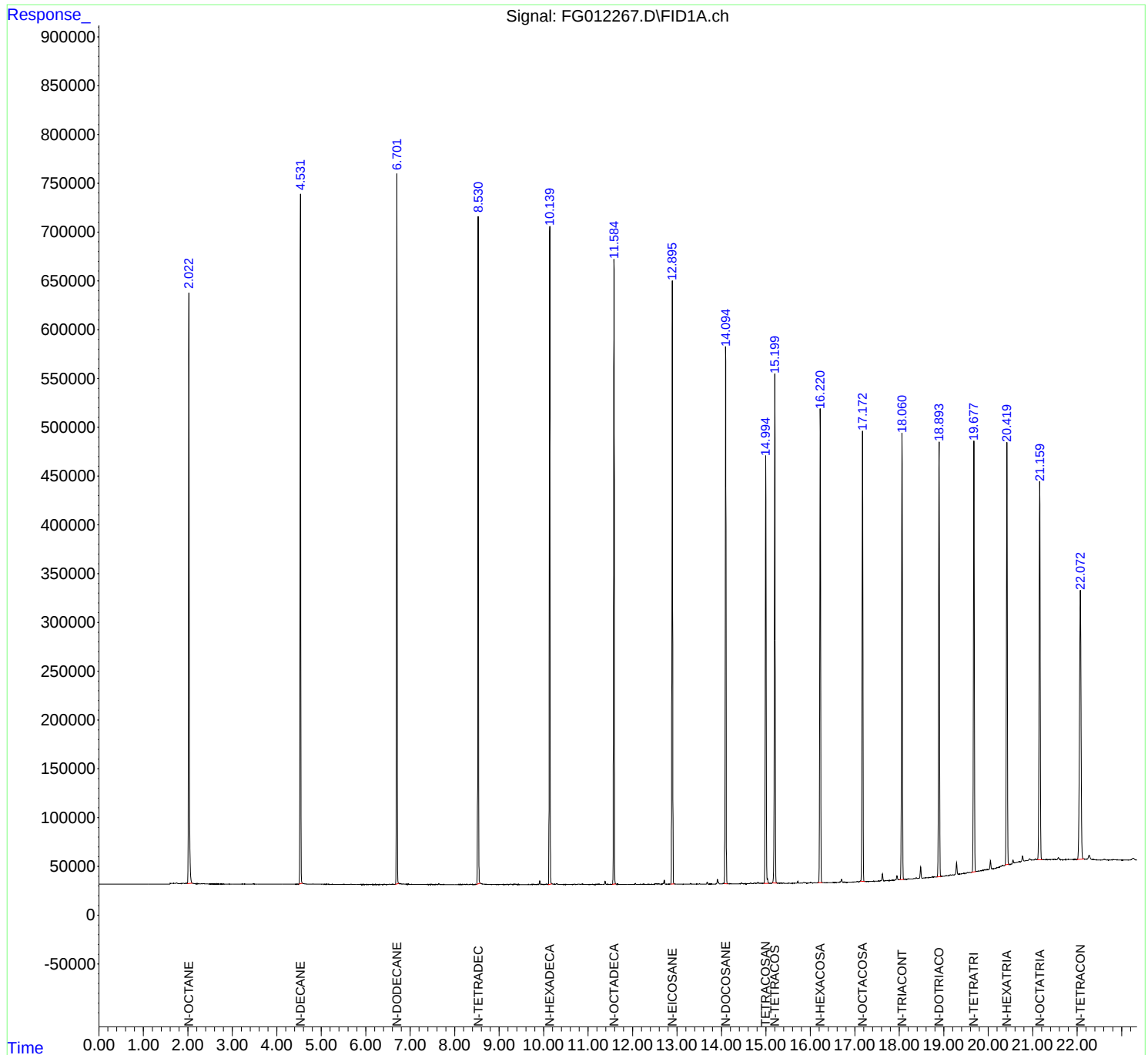
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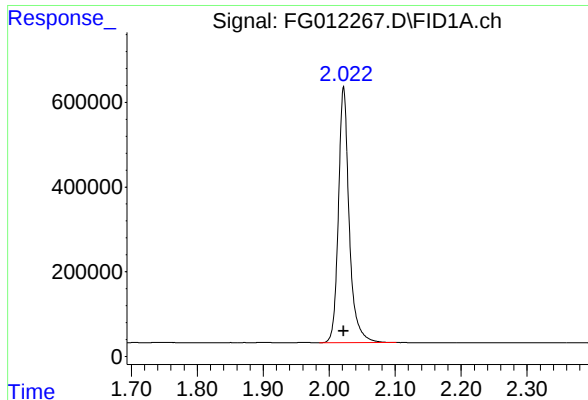
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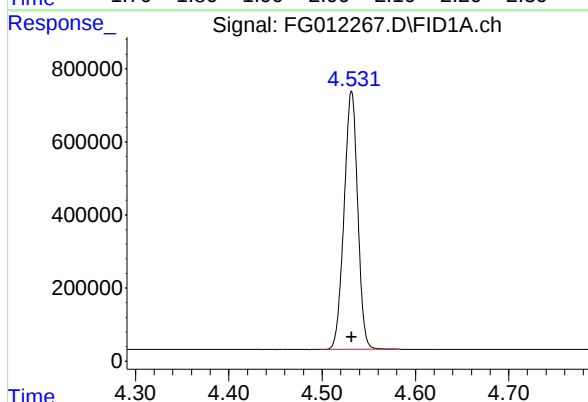
#1 N-OCTANE

R.T.: 2.022 min
Delta R.T.: 0.000 min
Response: 6877409
Conc: 49.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

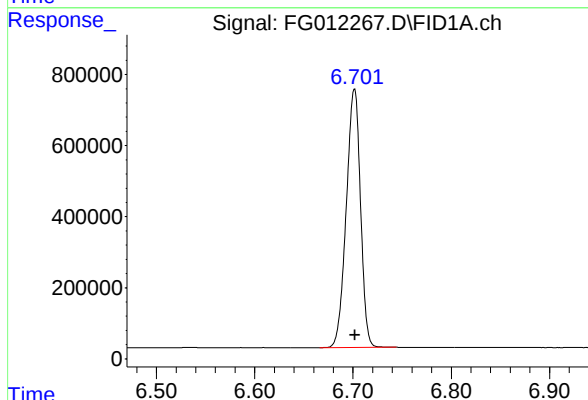
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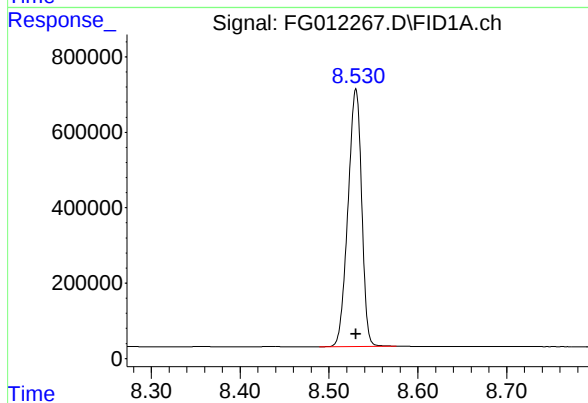
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 7192844
Conc: 48.82 ug/ml



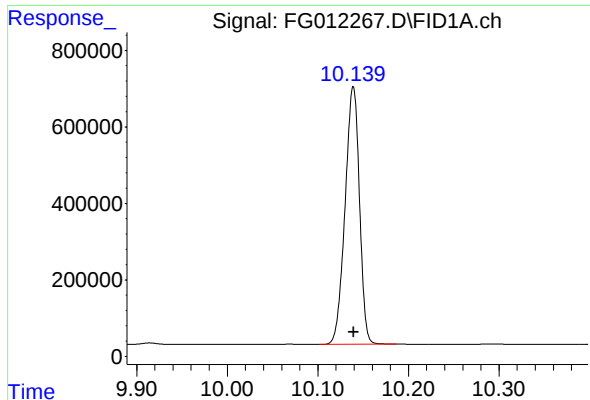
#3 N-DODECANE

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 7326465
Conc: 48.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7297555
Conc: 48.71 ug/ml



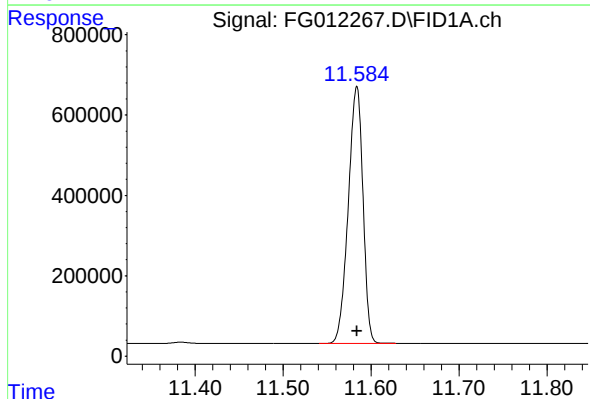
#5 N-HEXADECANE

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 7440795
Conc: 47.56 ug/ml

Instrument :
FID_G
ClientSampleId :
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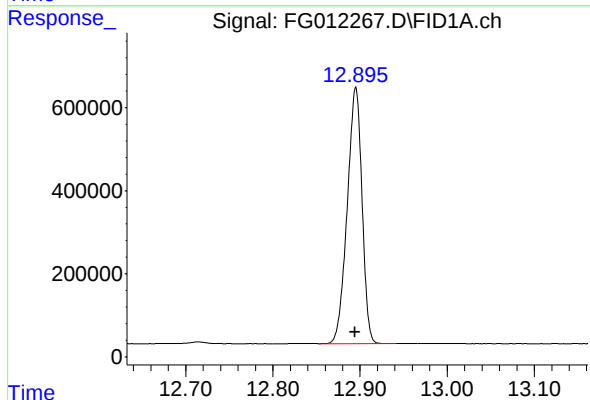
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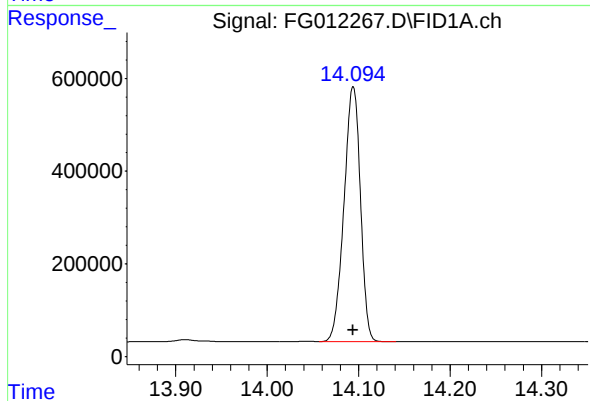
#6 N-OCTADECANE

R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 7414935
Conc: 46.63 ug/ml



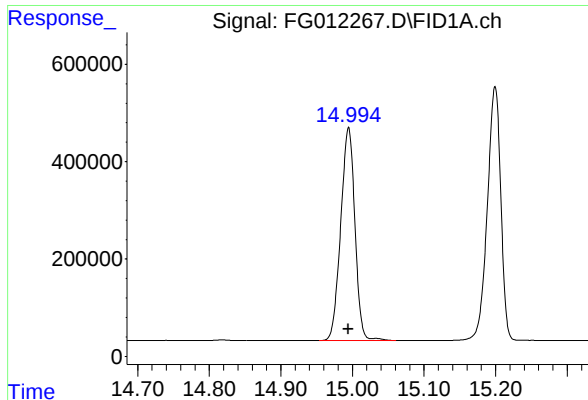
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.001 min
Response: 7272122
Conc: 45.83 ug/ml



#8 N-DOCOSANE

R.T.: 14.094 min
Delta R.T.: 0.000 min
Response: 6872834
Conc: 44.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.995 min
Delta R.T.: 0.000 min
Response: 6025378
Conc: 45.19 ug/ml

Instrument :

FID_G

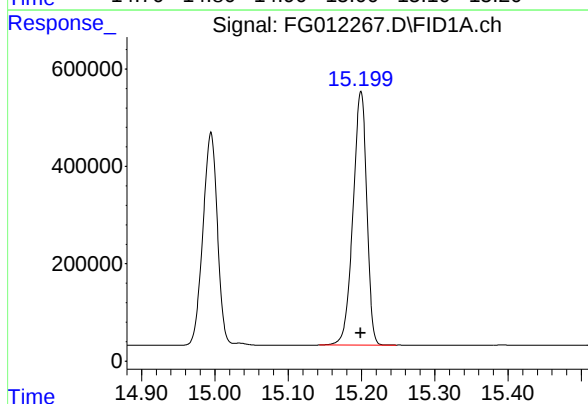
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

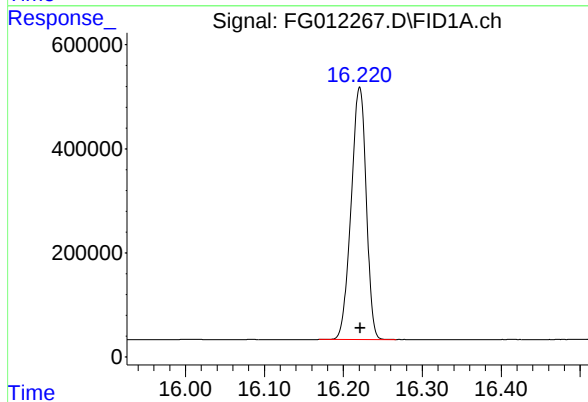
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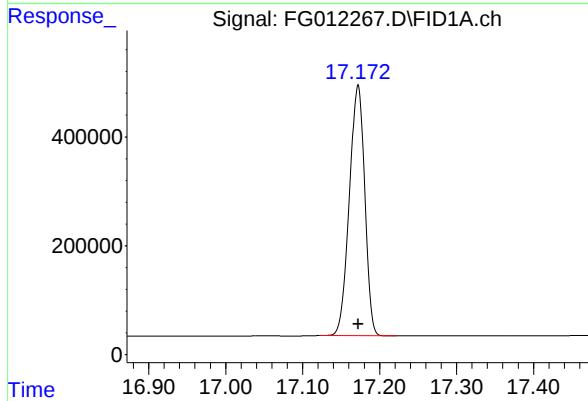
#10 N-TETRACOSANE

R.T.: 15.199 min
Delta R.T.: 0.000 min
Response: 6803660
Conc: 45.55 ug/ml



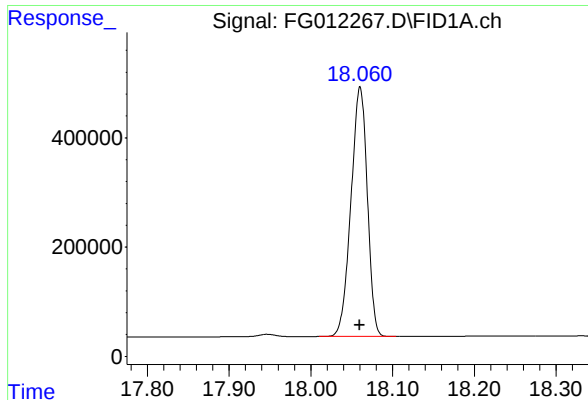
#11 N-HEXACOSANE

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 6443144
Conc: 45.50 ug/ml



#12 N-OCTACOSANE

R.T.: 17.172 min
Delta R.T.: 0.000 min
Response: 6330568
Conc: 46.76 ug/ml



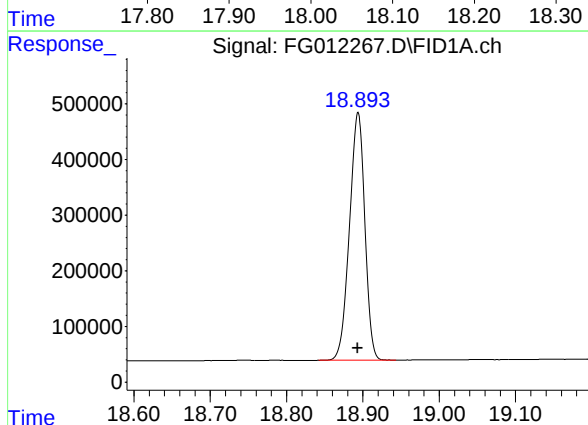
#13 N-TRIACONTANE

R.T.: 18.060 min
Delta R.T.: 0.000 min
Response: 6348932
Conc: 47.92 ug/ml

Instrument :
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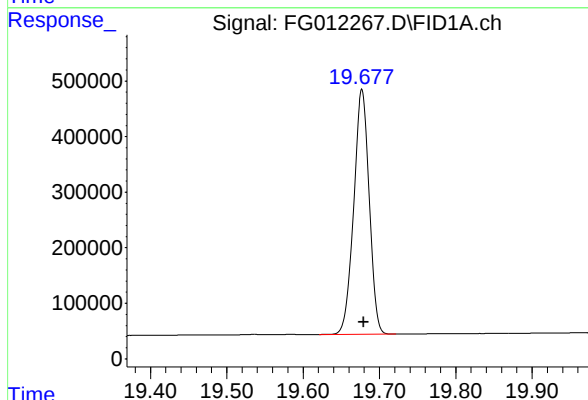
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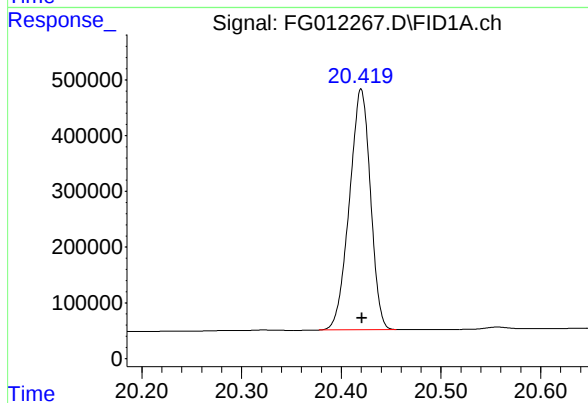
#14 N-DOTRIACONTANE

R.T.: 18.894 min
Delta R.T.: 0.000 min
Response: 6280338
Conc: 49.20 ug/ml



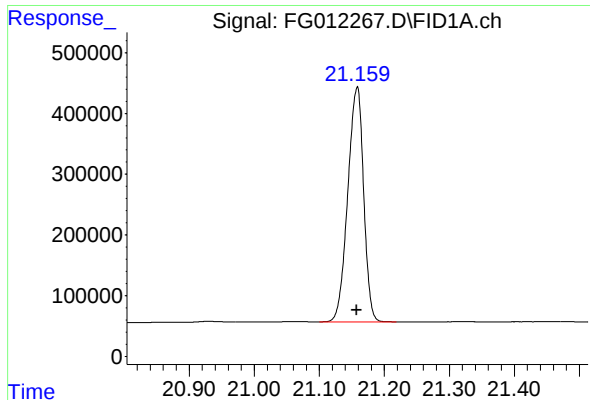
#15 N-TETRATRIACONTANE

R.T.: 19.677 min
Delta R.T.: -0.002 min
Response: 6246206
Conc: 51.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.419 min
Delta R.T.: -0.001 min
Response: 6312648
Conc: 51.51 ug/ml m



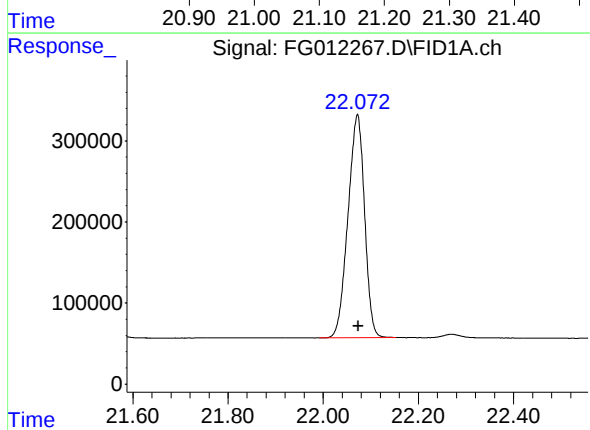
#17 N-OCTATRIACONTANE

R.T.: 21.159 min
Delta R.T.: 0.001 min
Response: 6554630
Conc: 51.37 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 6666737
Conc: 50.35 ug/ml