

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071124\
 Data File : FG013924.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 17:20
 Operator : YP\AJ
 Sample : PB162026BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB162026BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/12/2024

Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 02:53:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062524.M
 Quant Title :
 QLast Update : Tue Jun 25 12:42:41 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...	14.956	1844543	17.050 ug/ml
Target Compounds			
1) N-OCTANE	1.973	1721697	14.440 ug/ml
2) N-DECANE	4.478	2258329	18.871 ug/ml
3) N-DODECANE	6.650	2422120	19.798 ug/ml
4) N-TETRADECANE	8.482	2510947	20.405 ug/mlm
5) N-HEXADECANE	10.094	2604470	20.874 ug/ml
6) N-OCTADECANE	11.540	2676277	21.122 ug/ml
7) N-EICOSANE	12.853	2697734	21.191 ug/ml
8) N-DOCOSANE	14.055	2615734	21.304 ug/ml
10) N-TETRACOSANE	15.160	2586025	21.350 ug/ml
11) N-HEXACOSANE	16.184	2543410	21.280 ug/ml
12) N-OCTACOSANE	17.136	2477590	21.050 ug/ml
13) N-TRIACONTANE	18.025	2460426	20.570 ug/ml
14) N-DOTRIACONTANE	18.860	2300566	19.603 ug/ml
15) N-TETRATRIACONTANE	19.645	1927223	17.444 ug/ml
16) N-HEXATRIACONTANE	20.386	1416917	14.078 ug/ml
17) N-OCTATRIACONTANE	21.119	1057343	11.449 ug/ml
18) N-TETRACONTANE	22.020	771412	9.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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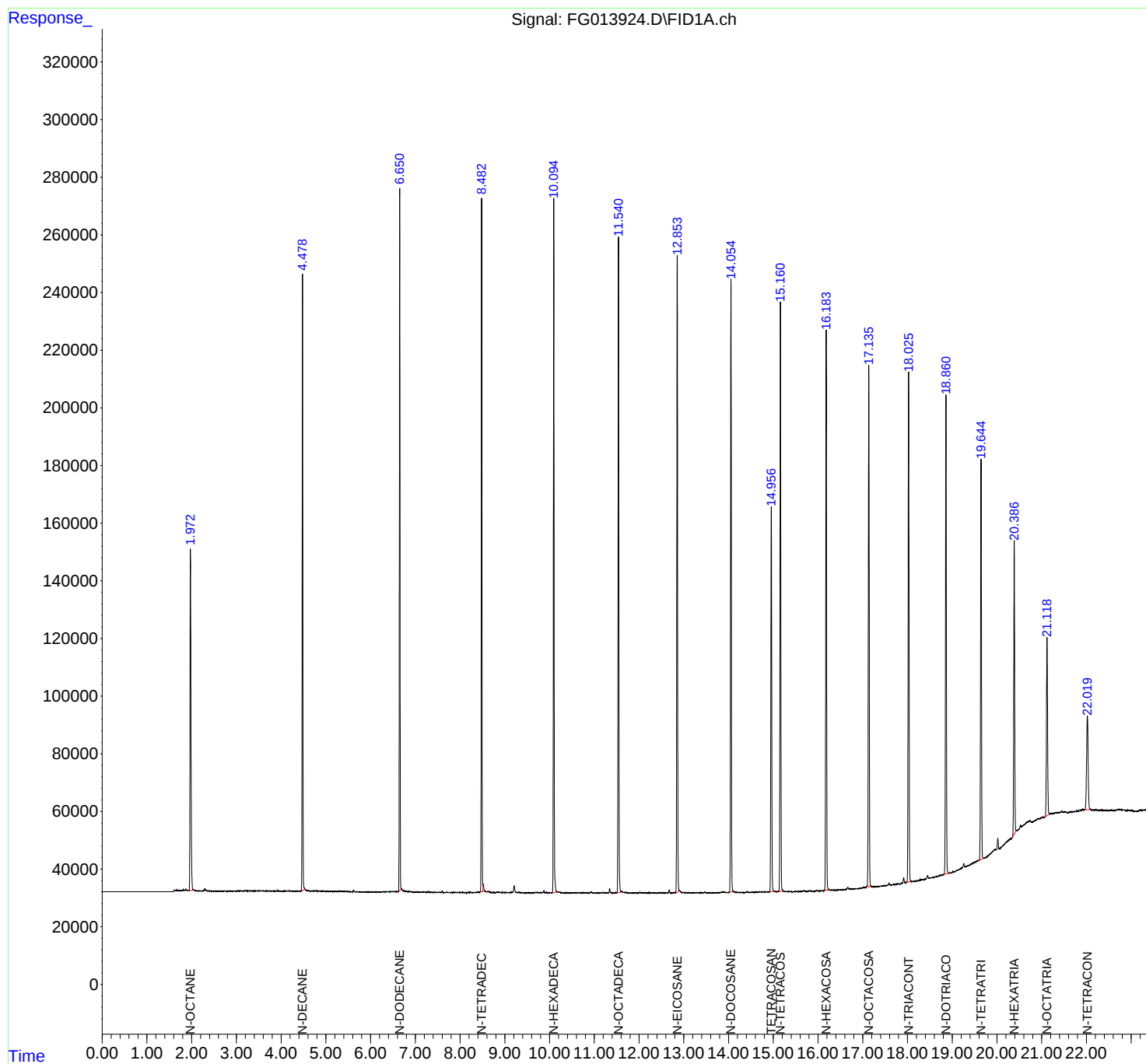
APPROVED

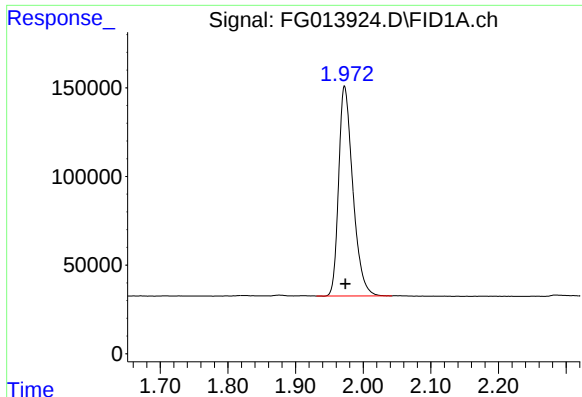
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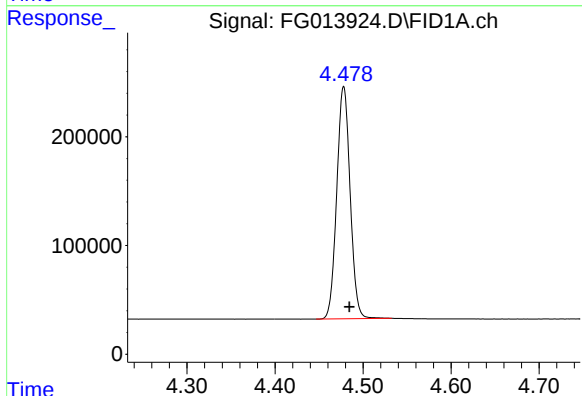
#1 N-OCTANE

R.T.: 1.973 min
Delta R.T.: -0.001 min
Response: 1721697
Conc: 14.44 ug/ml

Instrument :
FID_G
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PB162026BS

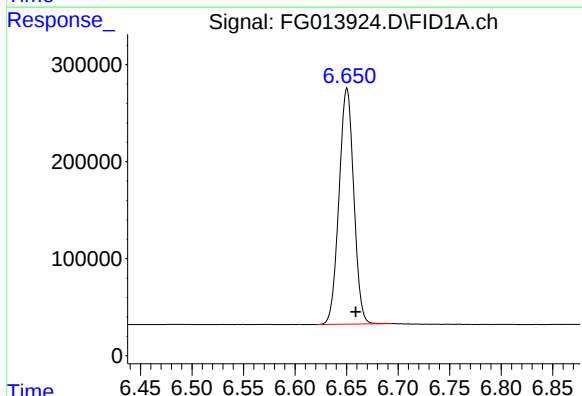
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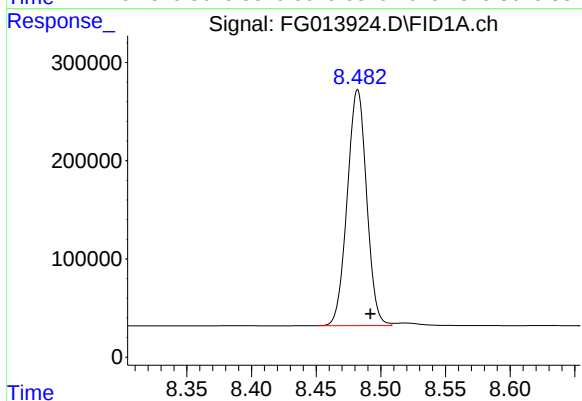
#2 N-DECANE

R.T.: 4.478 min
Delta R.T.: -0.007 min
Response: 2258329
Conc: 18.87 ug/ml



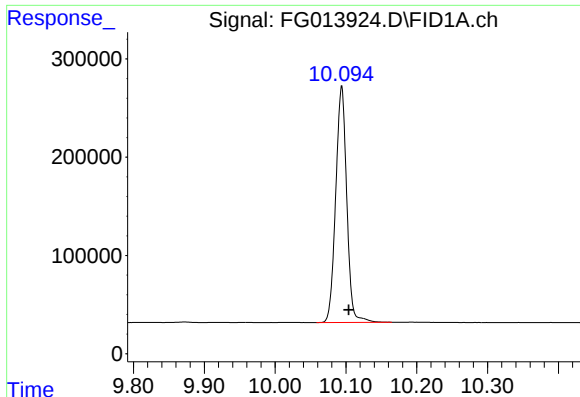
#3 N-DODECANE

R.T.: 6.650 min
Delta R.T.: -0.009 min
Response: 2422120
Conc: 19.80 ug/ml



#4 N-TETRADECANE

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 2510947
Conc: 20.41 ug/ml m



#5 N-HEXADECANE

R.T.: 10.094 min
Delta R.T.: -0.010 min
Response: 2604470
Conc: 20.87 ug/ml

Instrument :

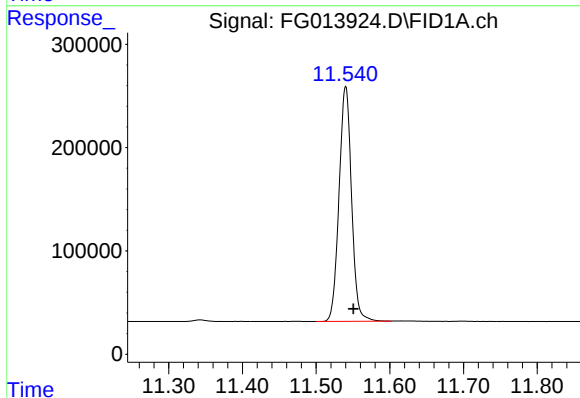
FID_G

ClientSampleId :

PB162026BS

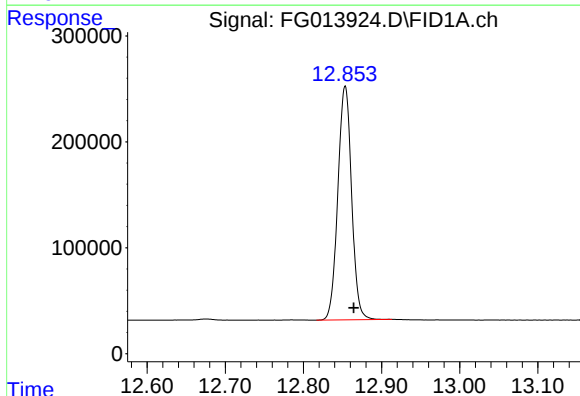
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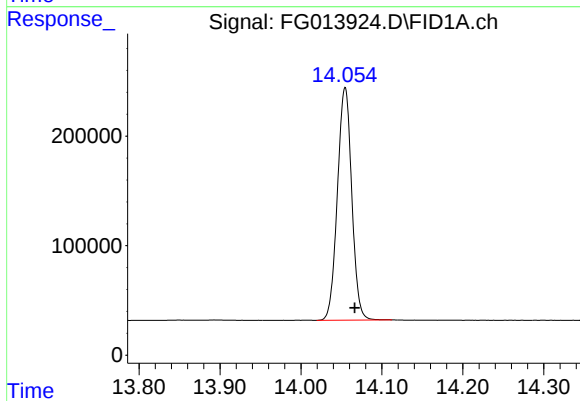
#6 N-OCTADECANE

R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 2676277
Conc: 21.12 ug/ml



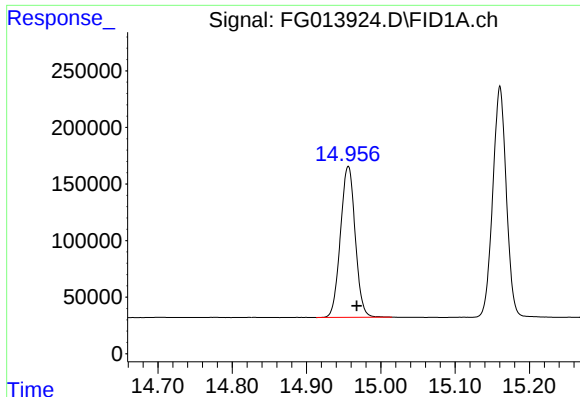
#7 N-EICOSANE

R.T.: 12.853 min
Delta R.T.: -0.011 min
Response: 2697734
Conc: 21.19 ug/ml



#8 N-DOCOSANE

R.T.: 14.055 min
Delta R.T.: -0.012 min
Response: 2615734
Conc: 21.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.956 min
Delta R.T.: -0.011 min
Response: 1844543
Conc: 17.05 ug/ml

Instrument :

FID_G

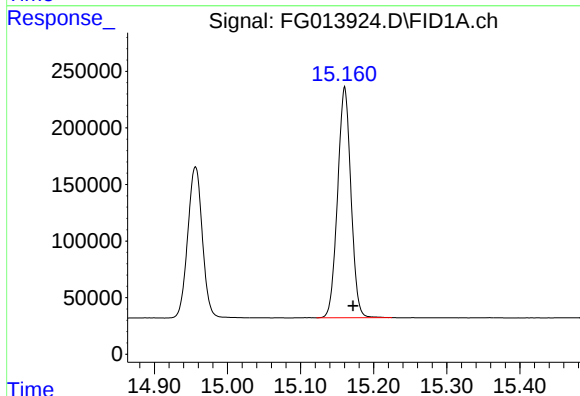
ClientSampleId :

PB162026BS

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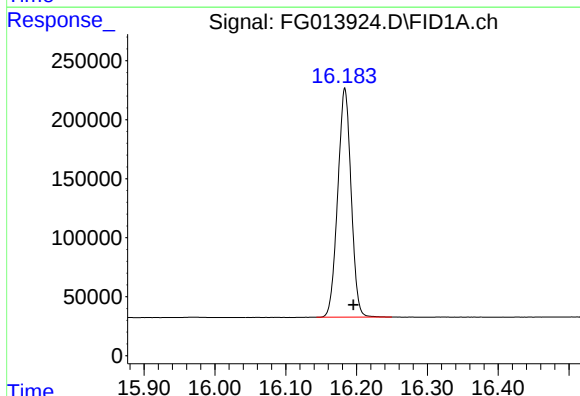
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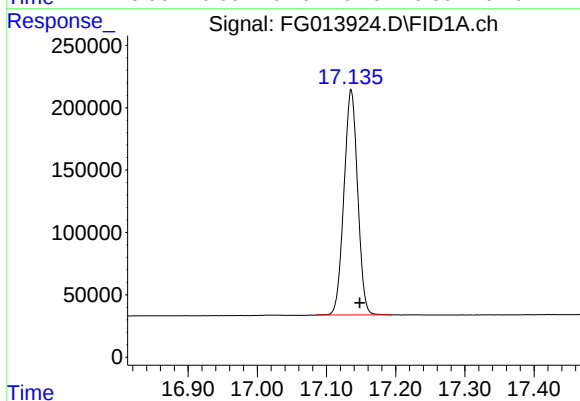
#10 N-TETRACOSANE

R.T.: 15.160 min
Delta R.T.: -0.012 min
Response: 2586025
Conc: 21.35 ug/ml



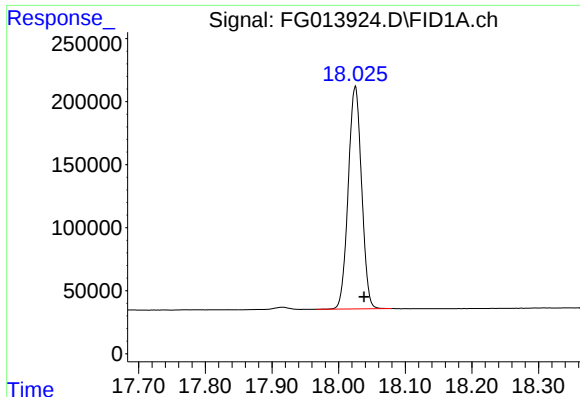
#11 N-HEXACOSANE

R.T.: 16.184 min
Delta R.T.: -0.012 min
Response: 2543410
Conc: 21.28 ug/ml



#12 N-OCTACOSANE

R.T.: 17.136 min
Delta R.T.: -0.012 min
Response: 2477590
Conc: 21.05 ug/ml



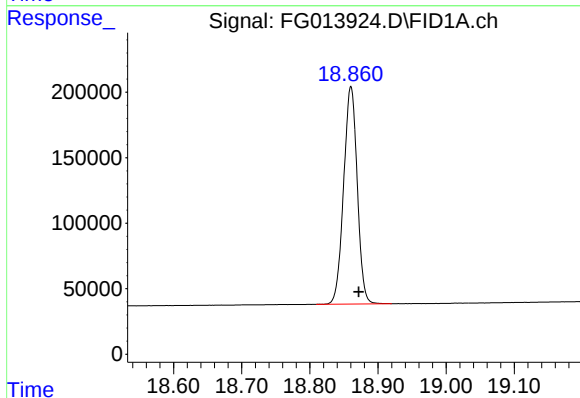
#13 N-TRIACONTANE

R.T.: 18.025 min
Delta R.T.: -0.013 min
Response: 2460426
Conc: 20.57 ug/ml

Instrument :
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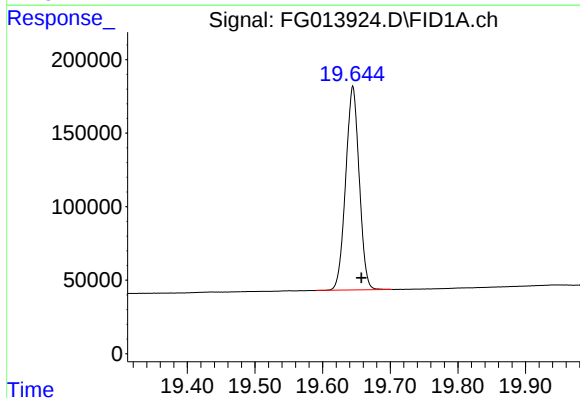
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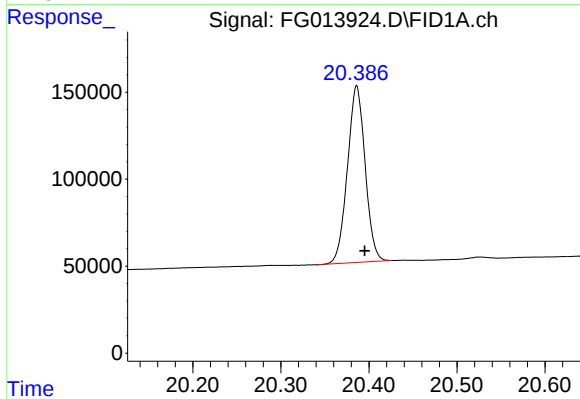
#14 N-DOTRIACONTANE

R.T.: 18.860 min
Delta R.T.: -0.011 min
Response: 2300566
Conc: 19.60 ug/ml



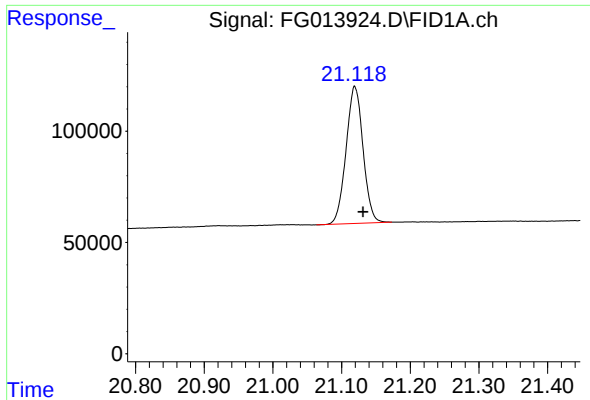
#15 N-TETRATRIACONTANE

R.T.: 19.645 min
Delta R.T.: -0.013 min
Response: 1927223
Conc: 17.44 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.386 min
Delta R.T.: -0.009 min
Response: 1416917
Conc: 14.08 ug/ml



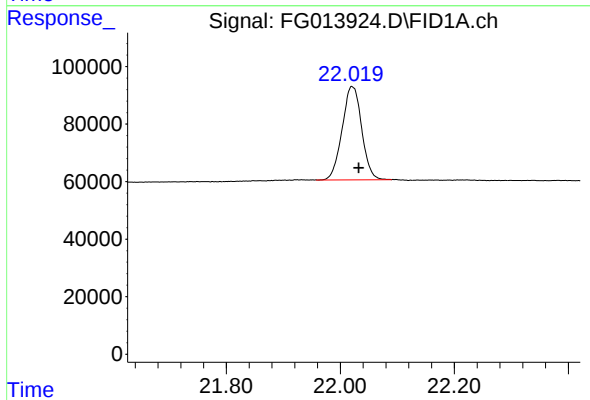
#17 N-OCTATRIACONTANE

R.T.: 21.119 min
Delta R.T.: -0.012 min
Response: 1057343
Conc: 11.45 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.020 min
Delta R.T.: -0.012 min
Response: 771412
Conc: 9.25 ug/ml