

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083123\
 Data File : FF013481.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 19:17
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 02:21:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF083123.M
 Quant Title :
 QLast Update : Fri Sep 01 02:16:47 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...	14.979	1183689	10.324 ug/mlm
Target Compounds			
1) N-OCTANE	2.008	1268017	10.371 ug/ml
2) N-DECANE	4.532	1319859	10.344 ug/ml
3) N-DODECANE	6.695	1344317	10.333 ug/ml
4) N-TETRADECANE	8.521	1362722	10.352 ug/ml
5) N-HEXADECANE	10.128	1387257	10.368 ug/ml
6) N-OCTADECANE	11.571	1406226	10.376 ug/ml
7) N-EICOSANE	12.881	1382468	10.377 ug/ml
8) N-DOCOSANE	14.079	1356755	10.394 ug/ml
10) N-TETRACOSANE	15.183	1358110	10.455 ug/ml
11) N-HEXACOSANE	16.203	1331543	10.452 ug/ml
12) N-OCTACOSANE	17.153	1310715	10.479 ug/ml
13) N-TRIACONTANE	18.041	1281110	10.598 ug/ml
14) N-DOTRIACONTANE	18.873	1192102	10.717 ug/ml
15) N-TETRATRIACONTANE	19.656	1055668	10.618 ug/ml
16) N-HEXATRIACONTANE	20.393	1004832	10.594 ug/ml
17) N-OCTATRIACONTANE	21.121	889447	10.491 ug/ml
18) N-TETRACONTANE	22.016	934639	10.511 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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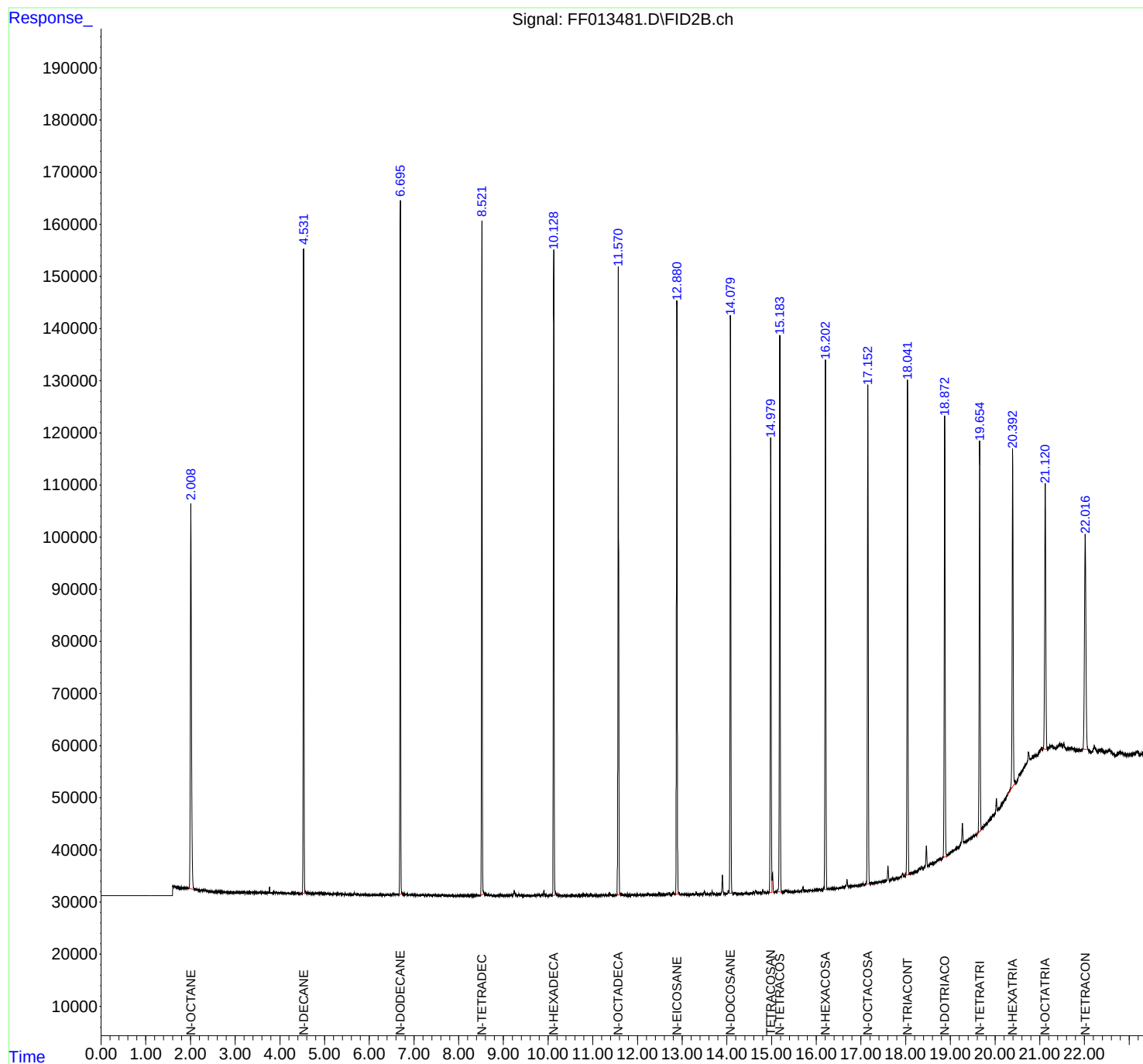
APPROVED

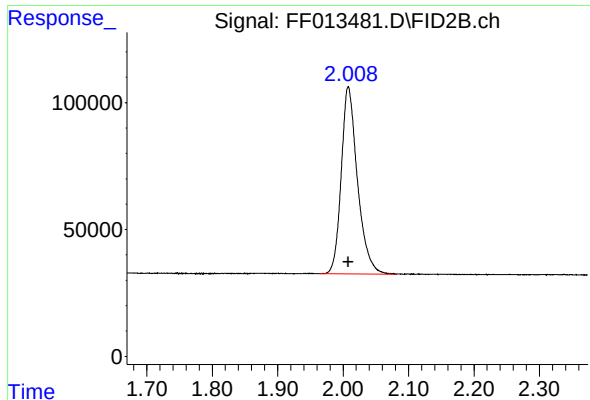
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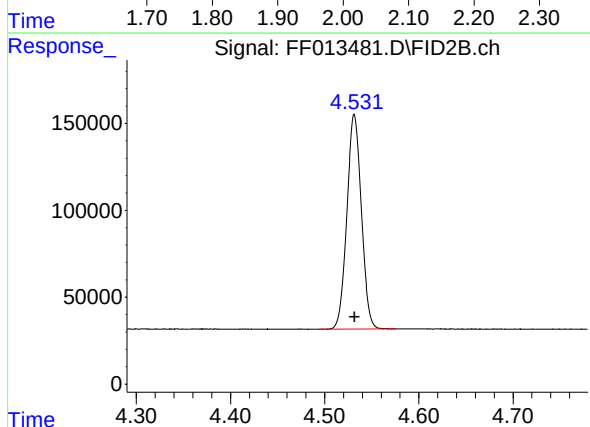
#1 N-OCTANE

R.T.: 2.008 min
Delta R.T.: 0.000 min
Response: 1268017
Conc: 10.37 ug/ml

Instrument :
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10 TRPH STD

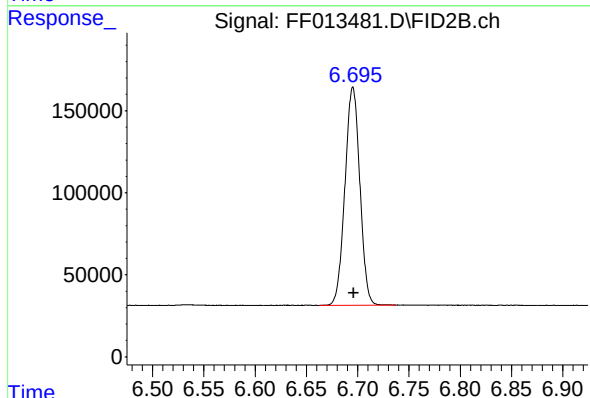
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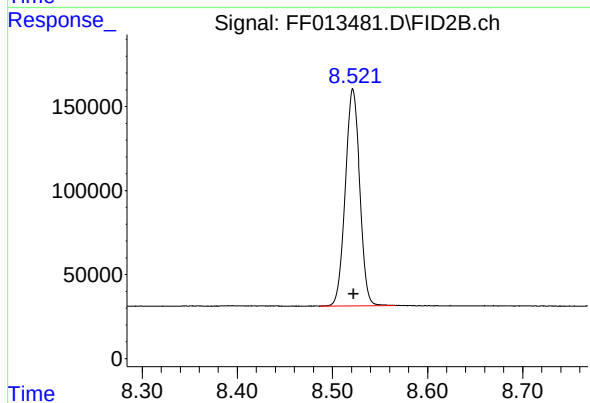
#2 N-DECANE

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 1319859
Conc: 10.34 ug/ml



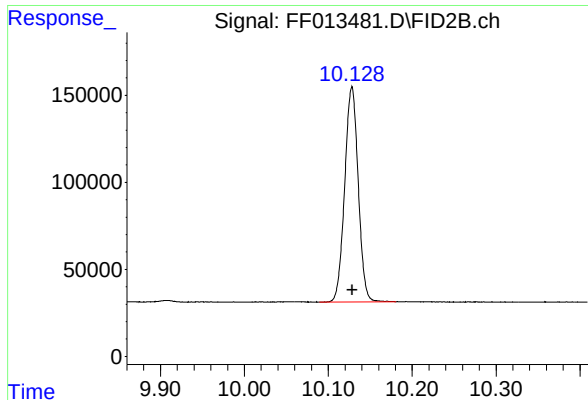
#3 N-DODECANE

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 1344317
Conc: 10.33 ug/ml



#4 N-TETRADECANE

R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 1362722
Conc: 10.35 ug/ml



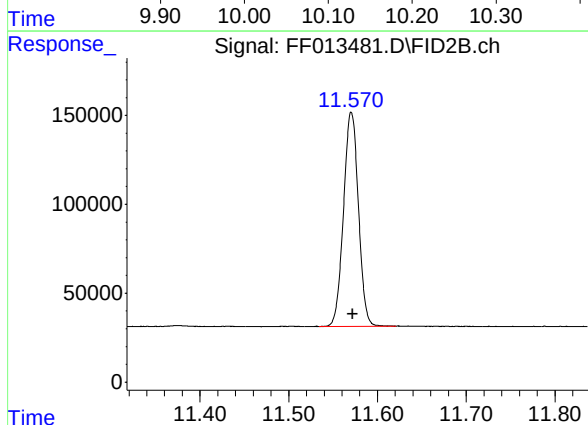
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 1387257
Conc: 10.37 ug/ml

Instrument :
FID_F
ClientSampleId :
10 TRPH STD

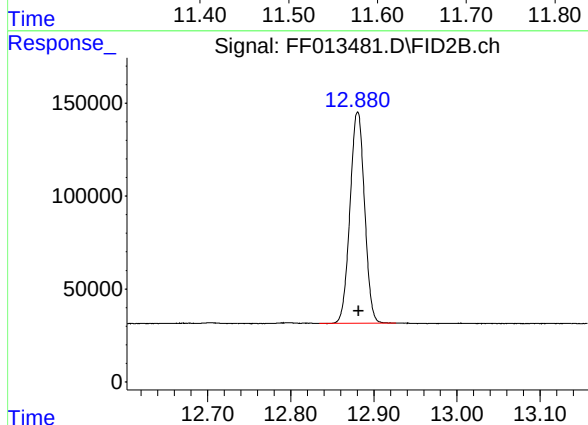
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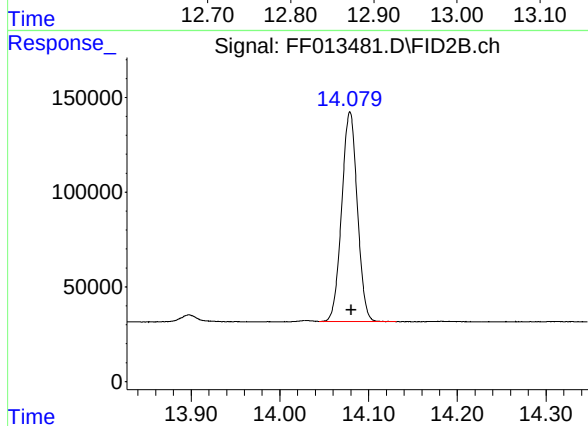
#6 N-OCTADECANE

R.T.: 11.571 min
Delta R.T.: -0.001 min
Response: 1406226
Conc: 10.38 ug/ml



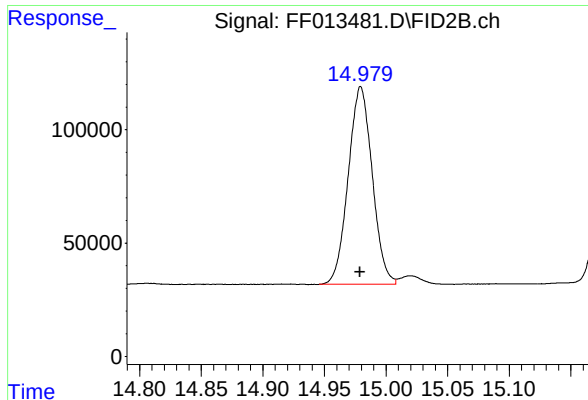
#7 N-EICOSANE

R.T.: 12.881 min
Delta R.T.: -0.001 min
Response: 1382468
Conc: 10.38 ug/ml



#8 N-DOCOSANE

R.T.: 14.079 min
Delta R.T.: -0.001 min
Response: 1356755
Conc: 10.39 ug/ml



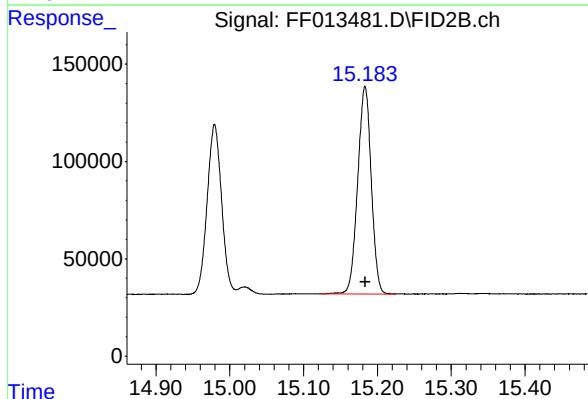
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.979 min
Delta R.T.: 0.000 min
Response: 1183689
Conc: 10.32 ug/ml

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10 TRPH STD

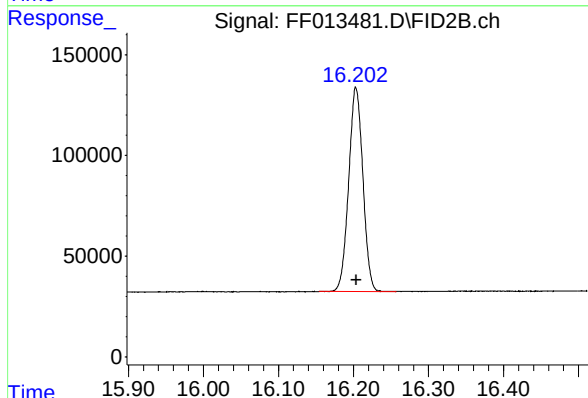
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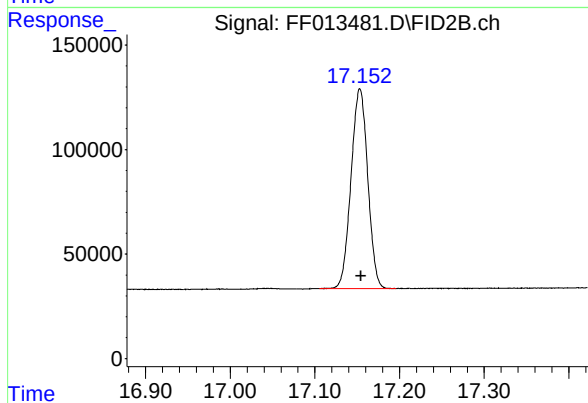
#10 N-TETRACOSANE

R.T.: 15.183 min
Delta R.T.: 0.000 min
Response: 1358110
Conc: 10.45 ug/ml



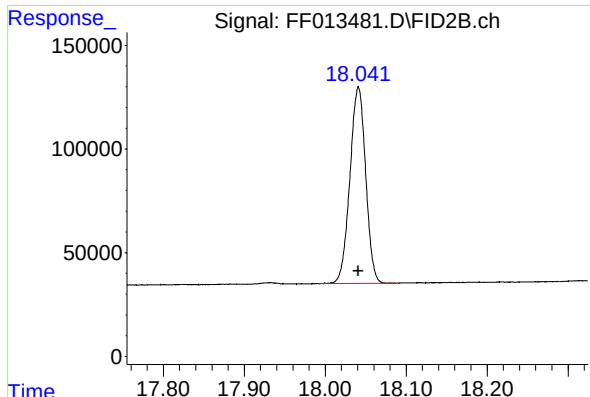
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: 0.000 min
Response: 1331543
Conc: 10.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.153 min
Delta R.T.: -0.001 min
Response: 1310715
Conc: 10.48 ug/ml



#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: 0.000 min
Response: 1281110
Conc: 10.60 ug/ml

Instrument :

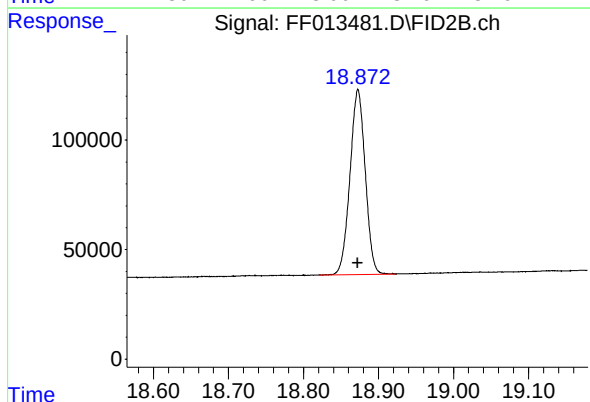
FID_F

ClientSampleId :

10 TRPH STD

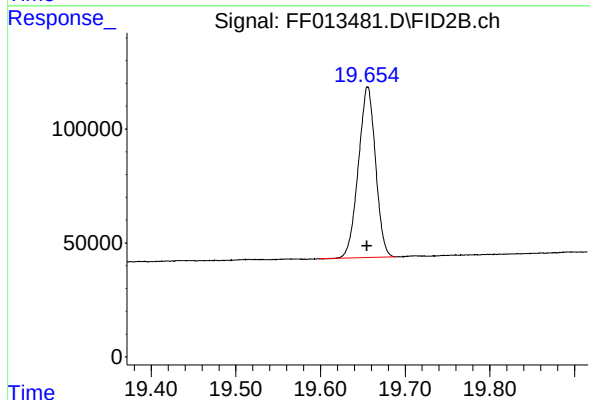
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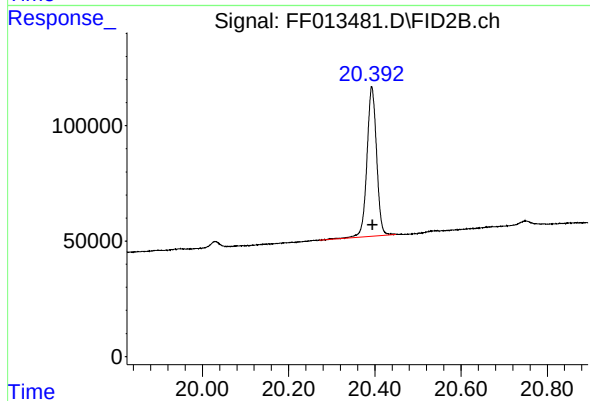
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: 0.000 min
Response: 1192102
Conc: 10.72 ug/ml



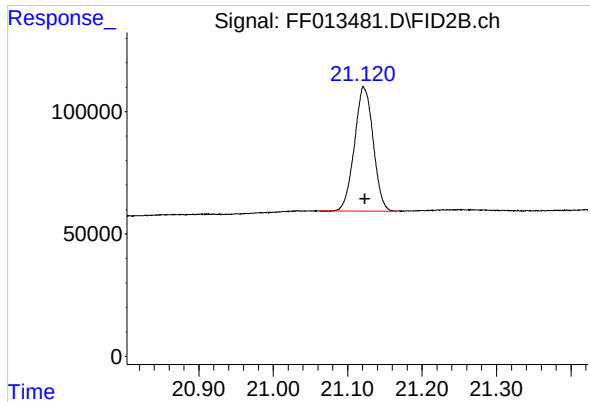
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: 0.000 min
Response: 1055668
Conc: 10.62 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.393 min
Delta R.T.: -0.002 min
Response: 1004832
Conc: 10.59 ug/ml



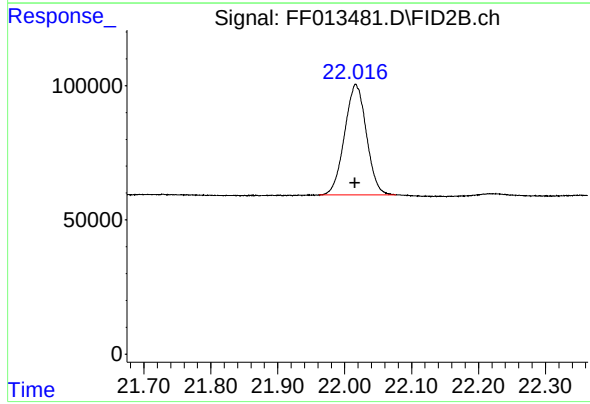
#17 N-OCTATRIACONTANE

R.T.: 21.121 min
Delta R.T.: -0.001 min
Response: 889447
Conc: 10.49 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.016 min
Delta R.T.: 0.000 min
Response: 934639
Conc: 10.51 ug/ml m