

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081922\
 Data File : FF011268.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 13:08
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2022
 Supervised By :Ankita Jodhani 08/23/2022

Integration File: autoint1.e
 Quant Time: Aug 19 19:00:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072822.M
 Quant Title :
 QLast Update : Thu Jul 28 14:46:22 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...	14.797	4615882	42.469 ug/ml
Target Compounds			
1) N-OCTANE	1.841	5563751	45.222 ug/ml
2) N-DECANE	4.348	5619695	45.112 ug/ml
3) N-DODECANE	6.521	5661956	44.978 ug/ml
4) N-TETRADECANE	8.347	5641781	44.938 ug/ml
5) N-HEXADECANE	9.952	5652901	44.189 ug/ml
6) N-OCTADECANE	11.393	5636257	43.761 ug/ml
7) N-EICOSANE	12.702	5529466	43.252 ug/ml
8) N-DOCOSANE	13.898	5319474	42.646 ug/ml
10) N-TETRACOSANE	15.000	5261357	42.291 ug/ml
11) N-HEXACOSANE	16.019	5101755	41.694 ug/ml
12) N-OCTACOSANE	16.968	4999096	41.412 ug/ml
13) N-TRIACONTANE	17.853	4965238	41.562 ug/ml
14) N-DOTRIACONTANE	18.684	5028640	42.571 ug/ml
15) N-TETRATRIACONTANE	19.465	5209242	46.685 ug/ml
16) N-HEXATRIACONTANE	20.204	5367237	52.788 ug/ml
17) N-OCTATRIACONTANE	20.909	5550841	55.470 ug/mlm
18) N-TETRACONTANE	21.727	6037192	55.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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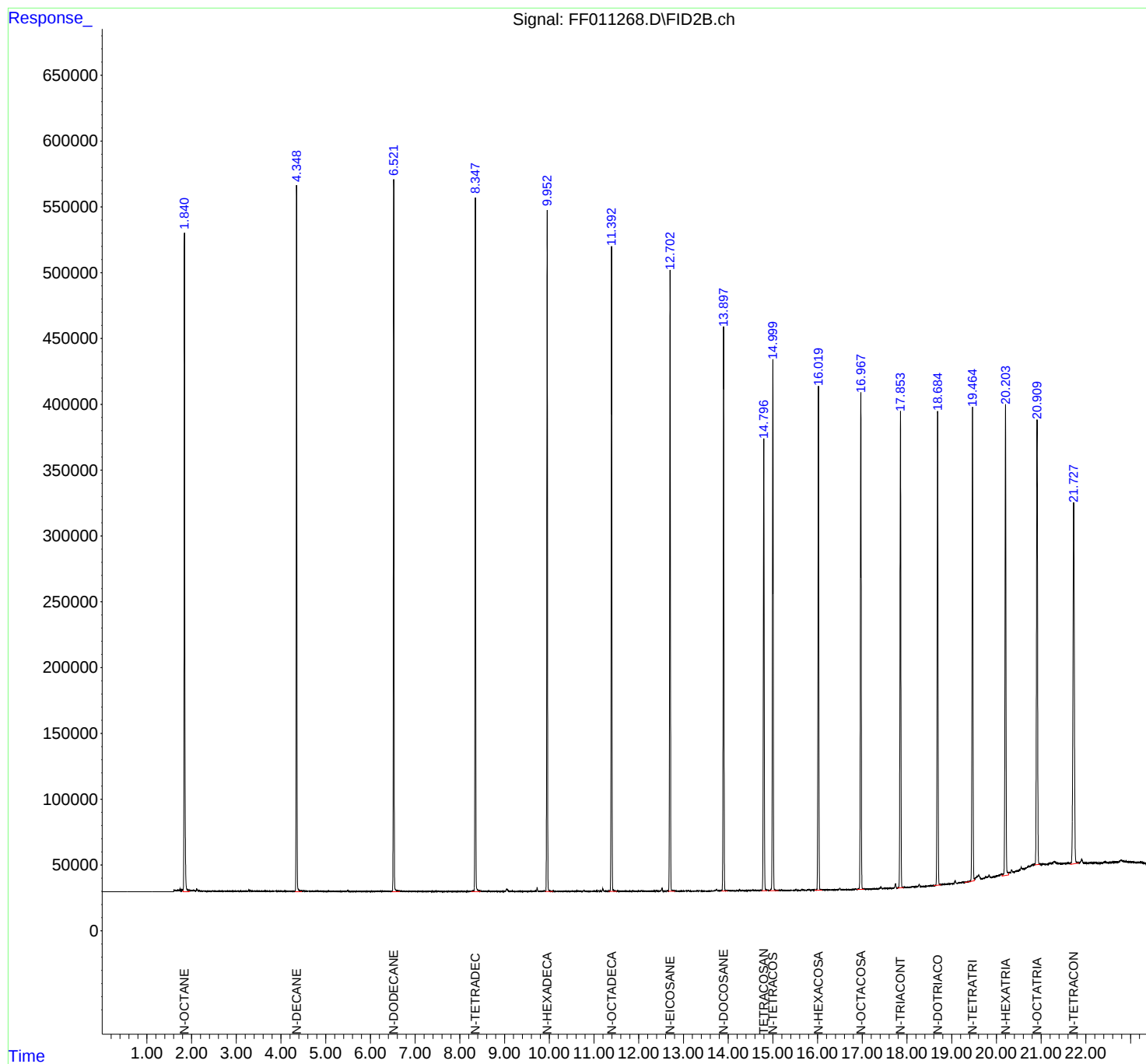
Instrument :
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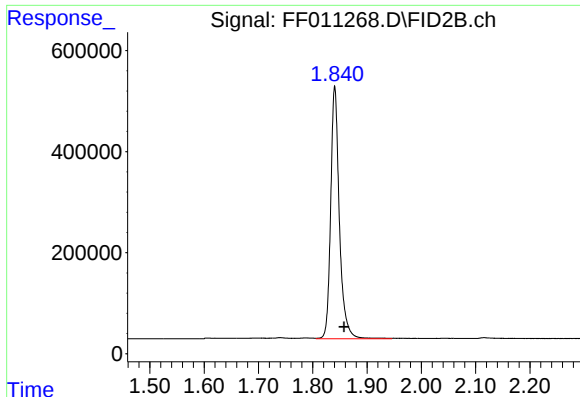
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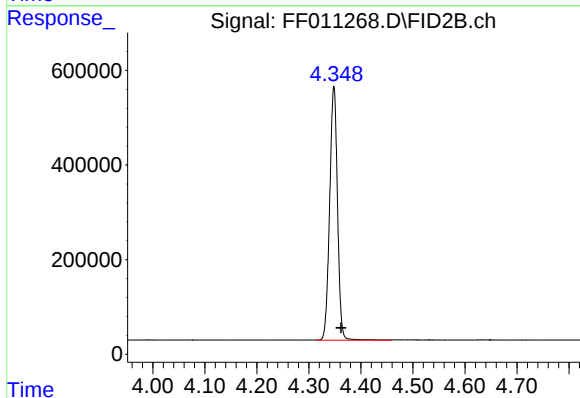
#1 N-OCTANE

R.T.: 1.841 min
Delta R.T.: -0.017 min
Response: 5563751
Conc: 45.22 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

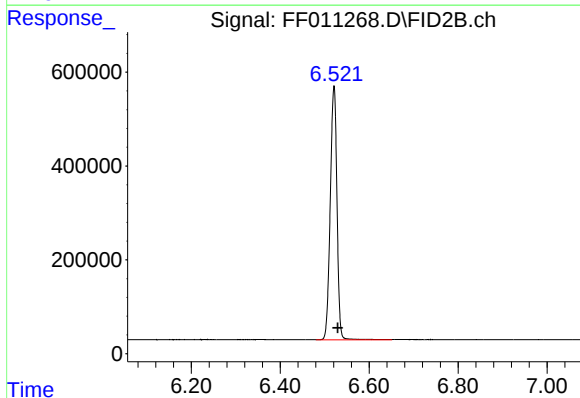
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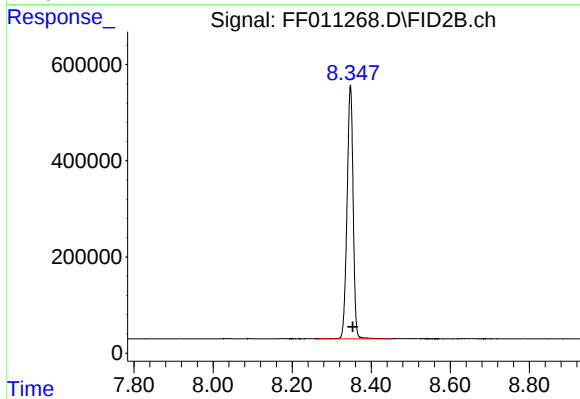
#2 N-DECANE

R.T.: 4.348 min
Delta R.T.: -0.013 min
Response: 5619695
Conc: 45.11 ug/ml



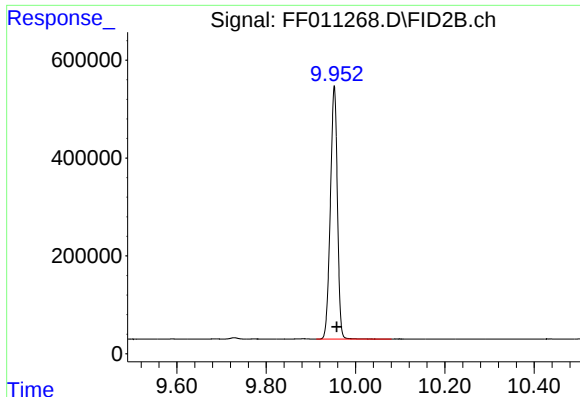
#3 N-DODECANE

R.T.: 6.521 min
Delta R.T.: -0.009 min
Response: 5661956
Conc: 44.98 ug/ml



#4 N-TETRADECANE

R.T.: 8.347 min
Delta R.T.: -0.006 min
Response: 5641781
Conc: 44.94 ug/ml



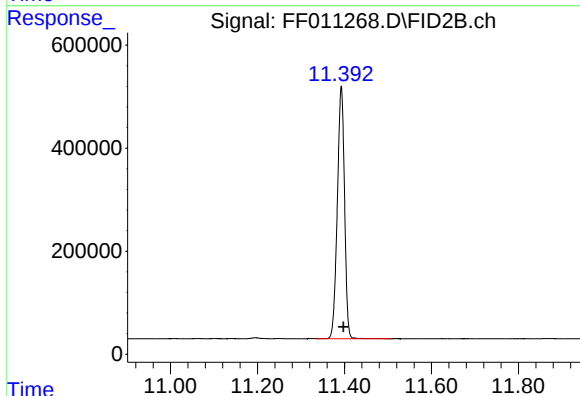
#5 N-HEXADECANE

R.T.: 9.952 min
Delta R.T.: -0.006 min
Response: 5652901
Conc: 44.19 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

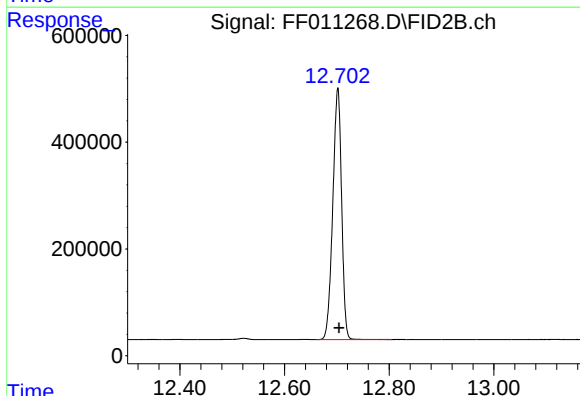
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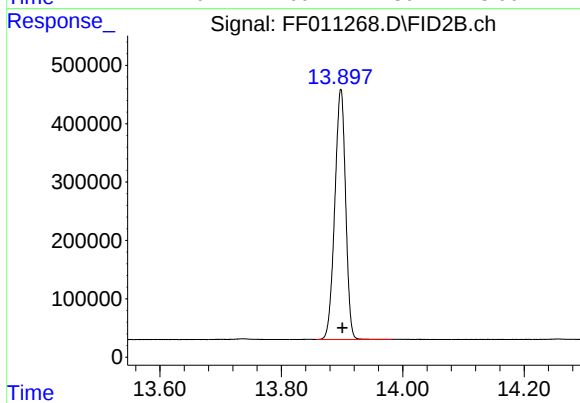
#6 N-OCTADECANE

R.T.: 11.393 min
Delta R.T.: -0.005 min
Response: 5636257
Conc: 43.76 ug/ml



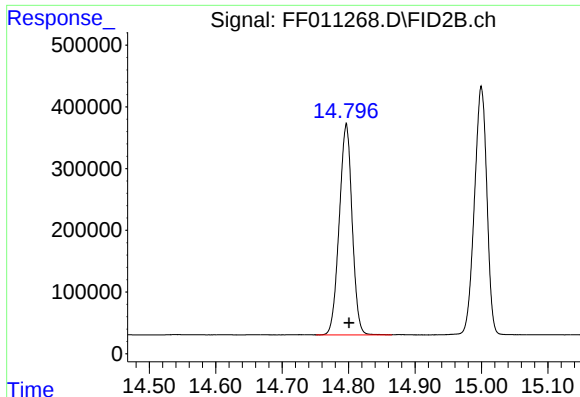
#7 N-EICOSANE

R.T.: 12.702 min
Delta R.T.: -0.003 min
Response: 5529466
Conc: 43.25 ug/ml



#8 N-DOCOSANE

R.T.: 13.898 min
Delta R.T.: -0.003 min
Response: 5319474
Conc: 42.65 ug/ml



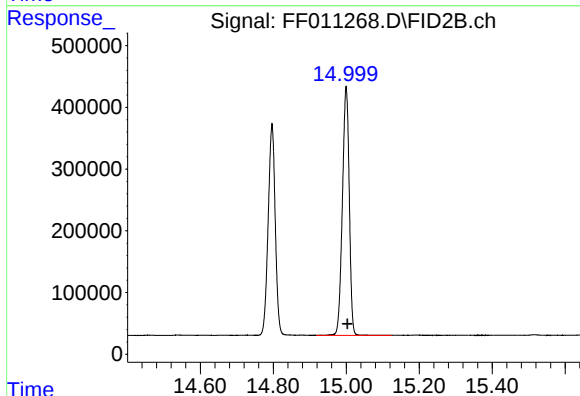
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 4615882
Conc: 42.47 ug/ml

Instrument :
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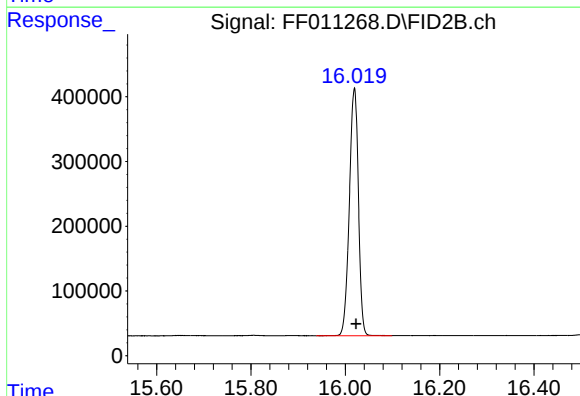
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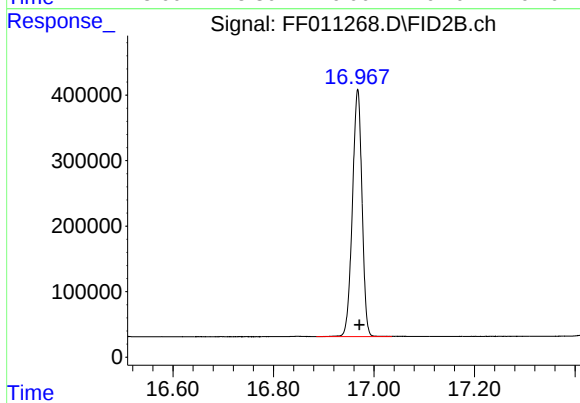
#10 N-TETRACOSANE

R.T.: 15.000 min
Delta R.T.: -0.004 min
Response: 5261357
Conc: 42.29 ug/ml



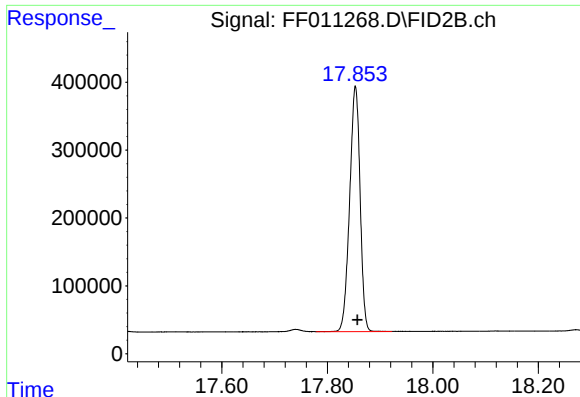
#11 N-HEXACOSANE

R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 5101755
Conc: 41.69 ug/ml



#12 N-OCTACOSANE

R.T.: 16.968 min
Delta R.T.: -0.003 min
Response: 4999096
Conc: 41.41 ug/ml



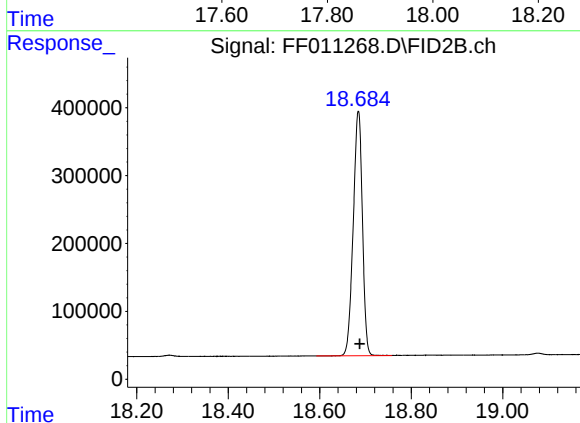
#13 N-TRIACONTANE

R.T.: 17.853 min
Delta R.T.: -0.004 min
Response: 4965238
Conc: 41.56 ug/ml

Instrument :
FID_F
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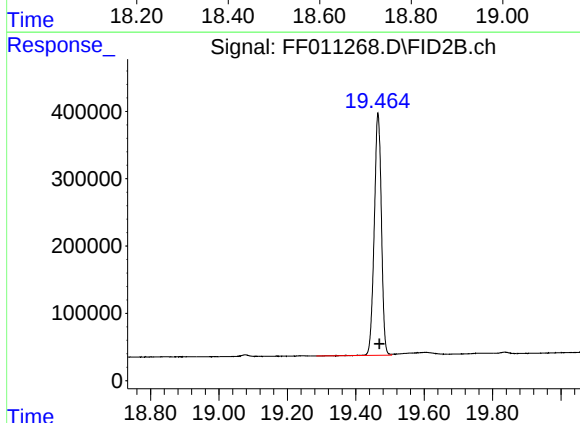
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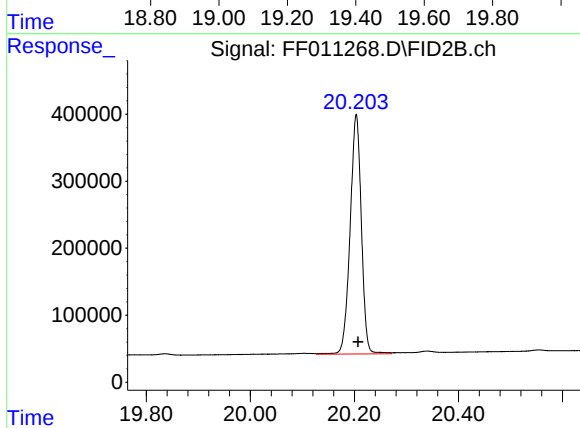
#14 N-DOTRIACONTANE

R.T.: 18.684 min
Delta R.T.: -0.003 min
Response: 5028640
Conc: 42.57 ug/ml



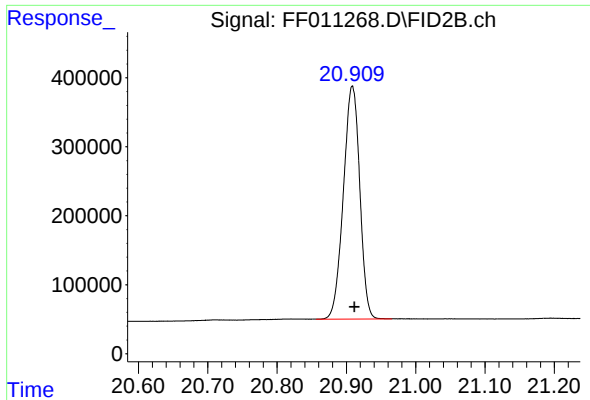
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: -0.004 min
Response: 5209242
Conc: 46.68 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.204 min
Delta R.T.: -0.004 min
Response: 5367237
Conc: 52.79 ug/ml



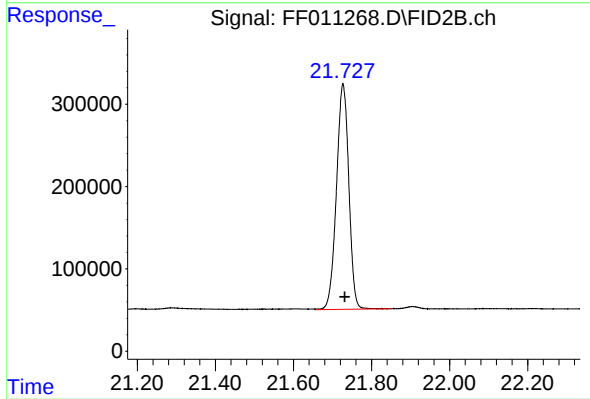
#17 N-OCTATRIACONTANE

R.T.: 20.909 min
Delta R.T.: -0.003 min
Response: 5550841
Conc: 55.47 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.727 min
Delta R.T.: -0.005 min
Response: 6037192
Conc: 55.09 ug/ml