

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016774.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2025 00:06
 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 :Rahul Chavli 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File: Sample.e
 Quant Time: Nov 21 01:15:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 2025
 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...	15.050	5529182	52.924 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6220088	56.040 ug/ml
2) N-DECANE	4.566	6482858	58.590 ug/ml
3) N-DODECANE	6.745	6518393	58.679 ug/ml
4) N-TETRADECANE	8.578	6516201	58.330 ug/ml
5) N-HEXADECANE	10.187	6469461	57.579 ug/ml
6) N-OCTADECANE	11.633	6543073	55.910 ug/ml
7) N-EICOSANE	12.947	6619987	54.215 ug/ml
8) N-DOCOSANE	14.149	6349696	53.267 ug/ml
10) N-TETRACOSANE	15.255	6245341	52.708 ug/ml
11) N-HEXACOSANE	16.279	5963123	51.908 ug/ml
12) N-OCTACOSANE	17.233	5809210	50.978 ug/ml
13) N-TRIACONTANE	18.124	5827169	51.863 ug/ml
14) N-DOTRIACONTANE	18.960	5628535	52.507 ug/ml
15) N-TETRATRIACONTANE	19.746	5320159	54.143 ug/ml
16) N-HEXATRIACONTANE	20.489	4749506	55.544 ug/ml
17) N-OCTATRIACONTANE	21.244	4306080	56.103 ug/ml
18) N-TETRACONTANE	22.186	3984992	58.390 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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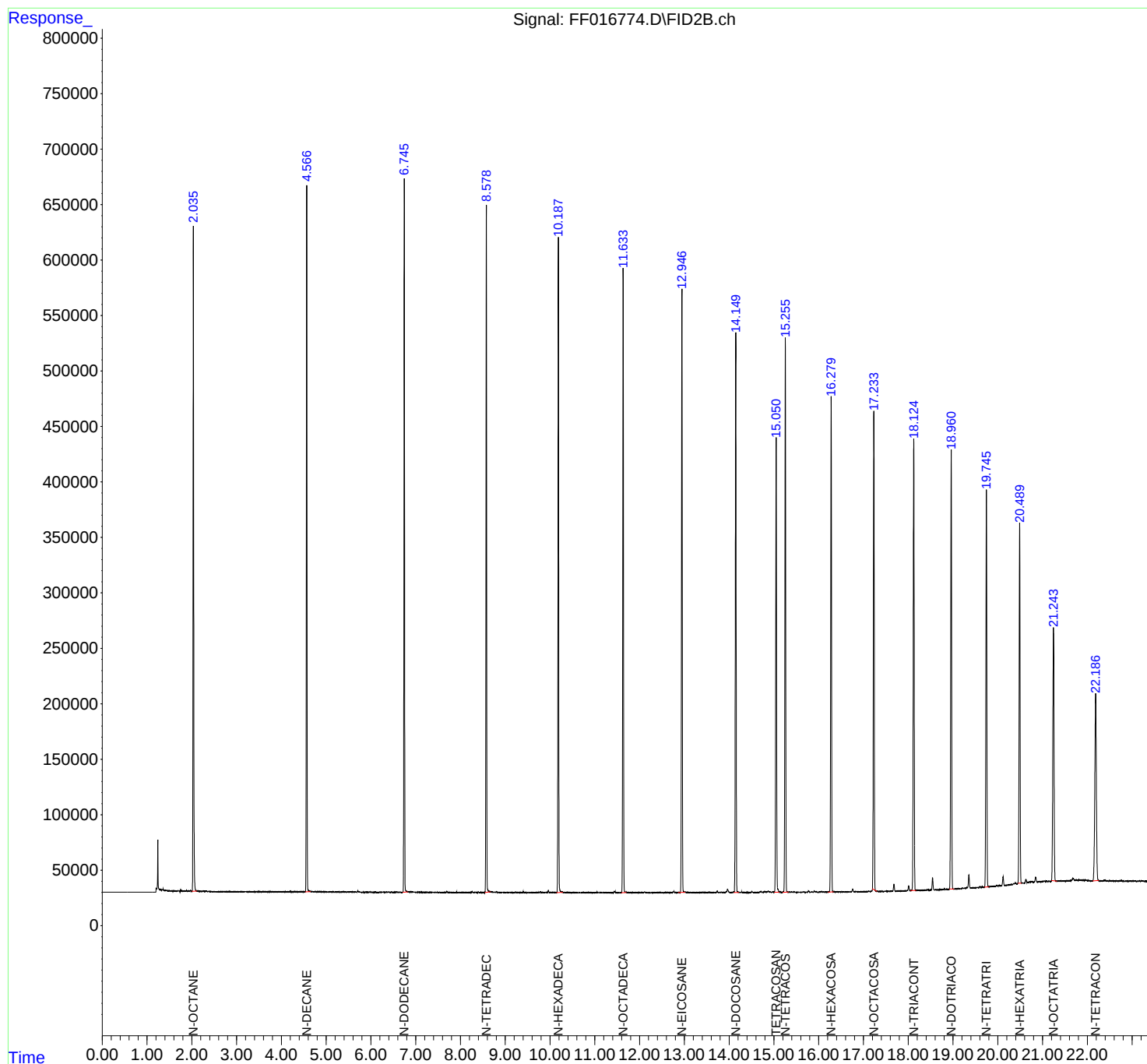
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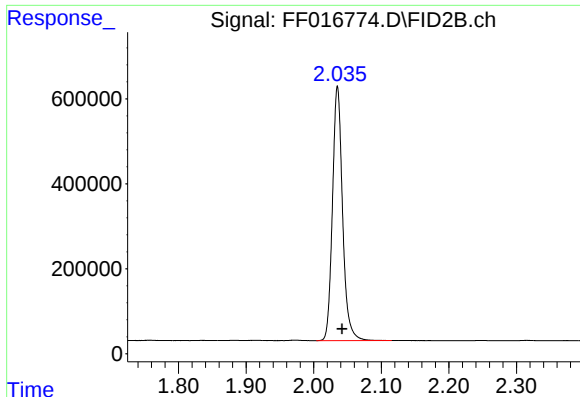
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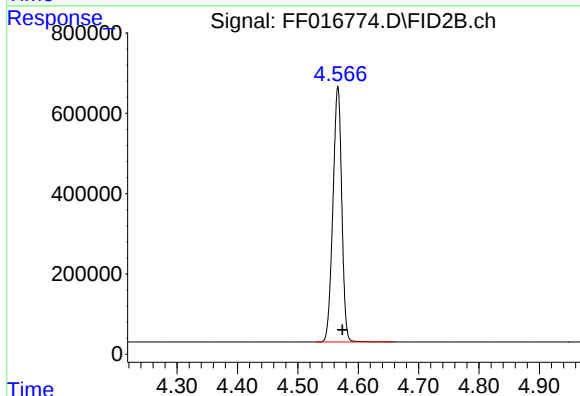
#1 N-OCTANE

R.T.: 2.035 min
Delta R.T.: -0.007 min
Response: 6220088
Conc: 56.04 ug/ml

Instrument :
FID_F
ClientSampleId :
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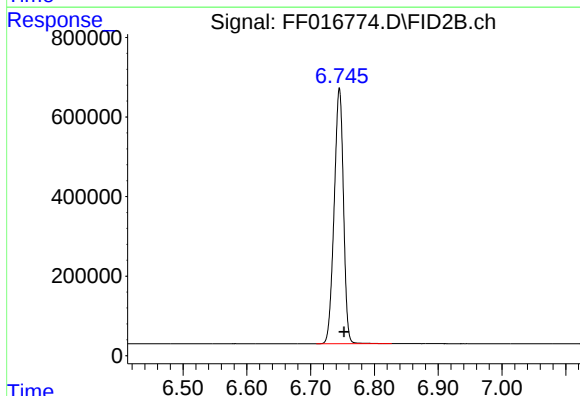
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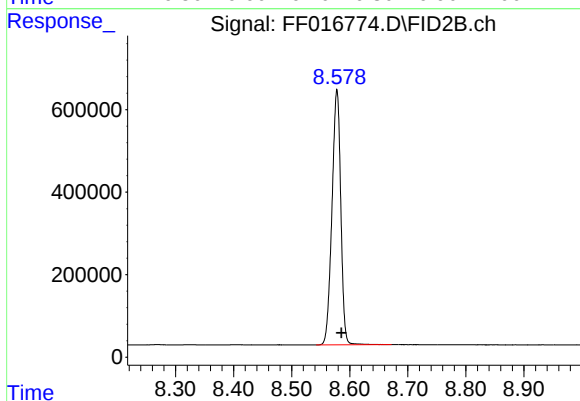
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: -0.007 min
Response: 6482858
Conc: 58.59 ug/ml



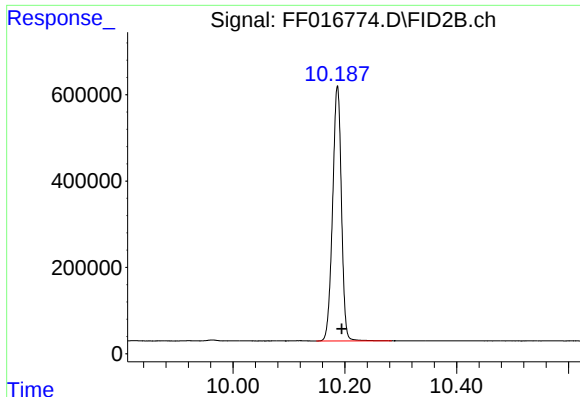
#3 N-DODECANE

R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 6518393
Conc: 58.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.578 min
Delta R.T.: -0.008 min
Response: 6516201
Conc: 58.33 ug/ml



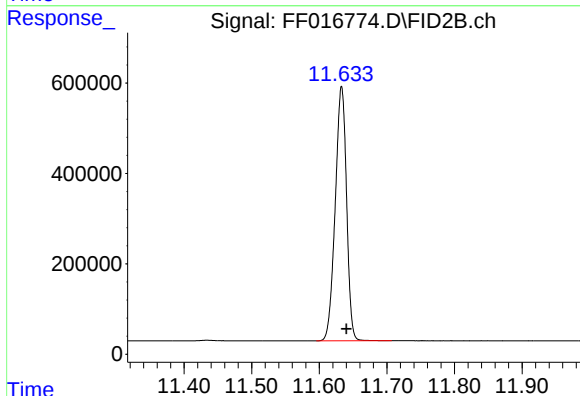
#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: -0.008 min
Response: 6469461
Conc: 57.58 ug/ml

Instrument :
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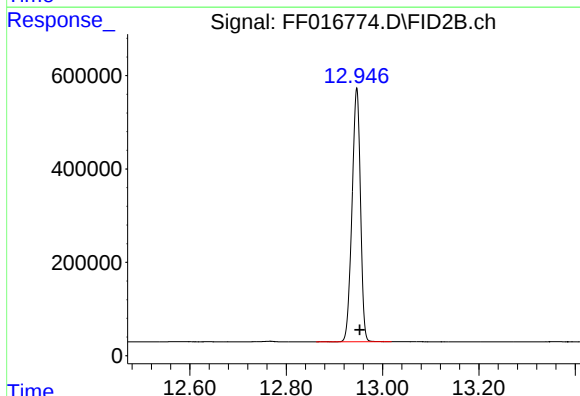
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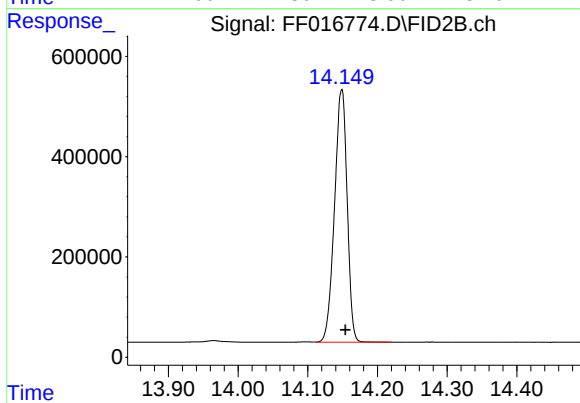
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.007 min
Response: 6543073
Conc: 55.91 ug/ml



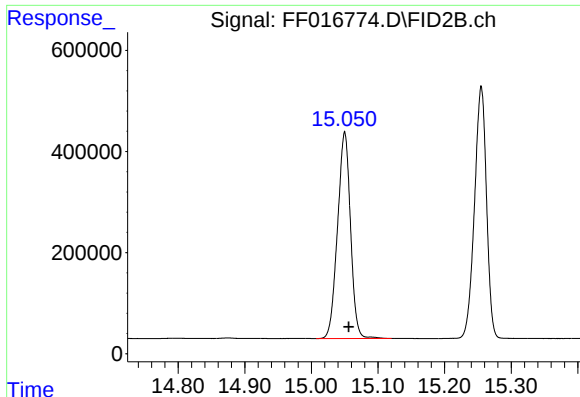
#7 N-EICOSANE

R.T.: 12.947 min
Delta R.T.: -0.006 min
Response: 6619987
Conc: 54.21 ug/ml



#8 N-DOCOSANE

R.T.: 14.149 min
Delta R.T.: -0.006 min
Response: 6349696
Conc: 53.27 ug/ml



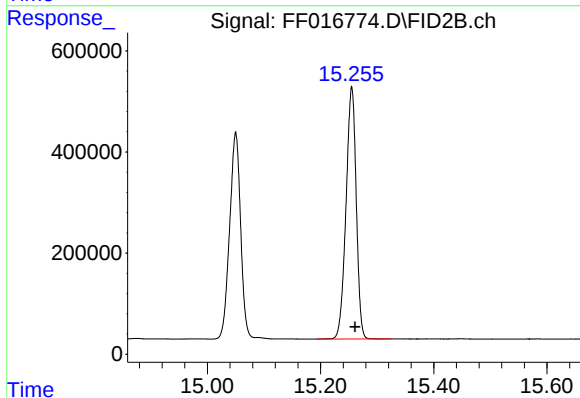
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.050 min
Delta R.T.: -0.006 min
Response: 5529182
Conc: 52.92 ug/ml

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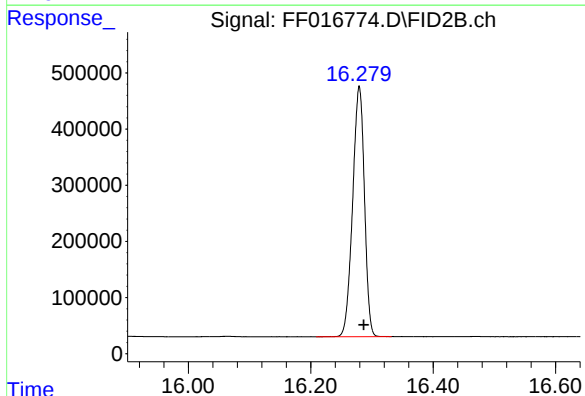
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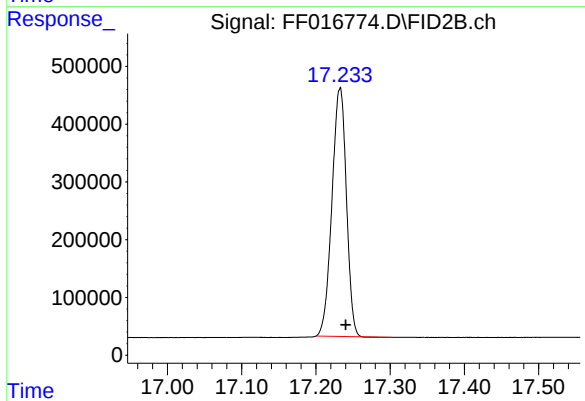
#10 N-TETRACOSANE

R.T.: 15.255 min
Delta R.T.: -0.006 min
Response: 6245341
Conc: 52.71 ug/ml



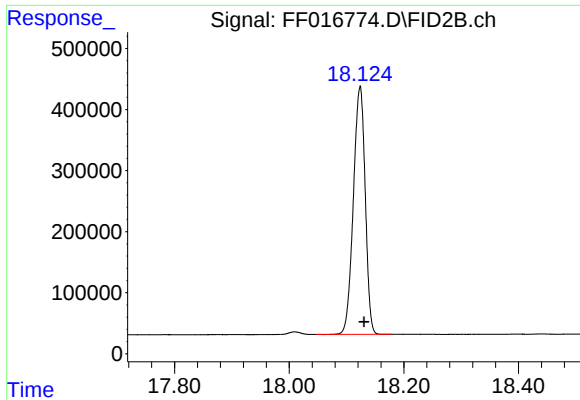
#11 N-HEXACOSANE

R.T.: 16.279 min
Delta R.T.: -0.007 min
Response: 5963123
Conc: 51.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.233 min
Delta R.T.: -0.008 min
Response: 5809210
Conc: 50.98 ug/ml



#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: -0.007 min
Response: 5827169
Conc: 51.86 ug/ml

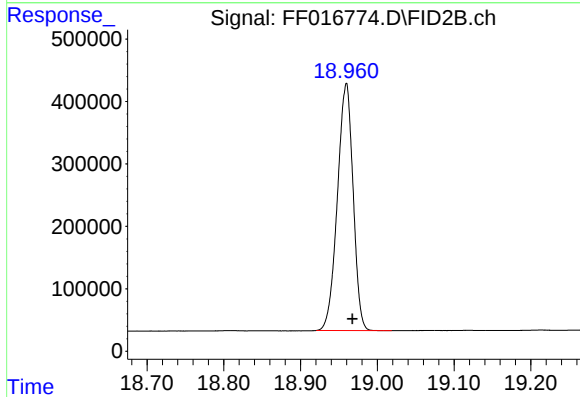
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

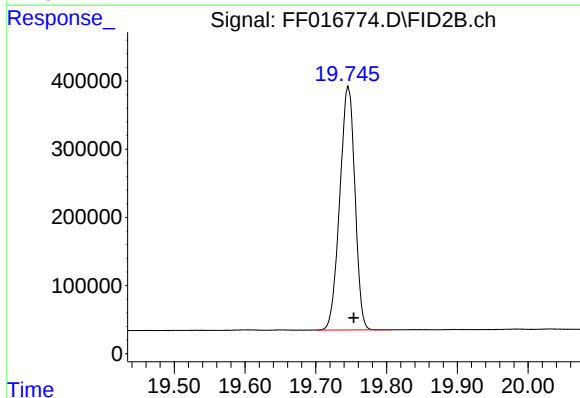
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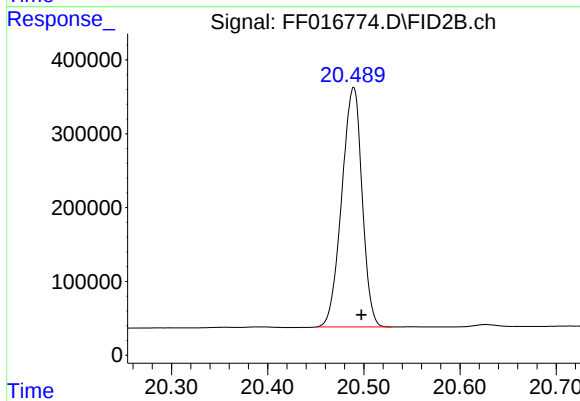
#14 N-DOTRIACONTANE

R.T.: 18.960 min
Delta R.T.: -0.008 min
Response: 5628535
Conc: 52.51 ug/ml



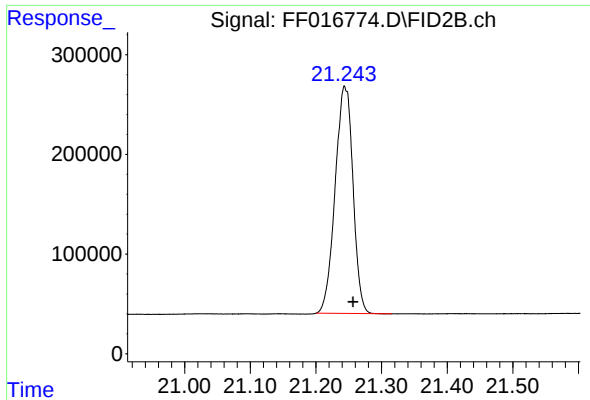
#15 N-TETRATRIACONTANE

R.T.: 19.746 min
Delta R.T.: -0.008 min
Response: 5320159
Conc: 54.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.489 min
Delta R.T.: -0.008 min
Response: 4749506
Conc: 55.54 ug/ml



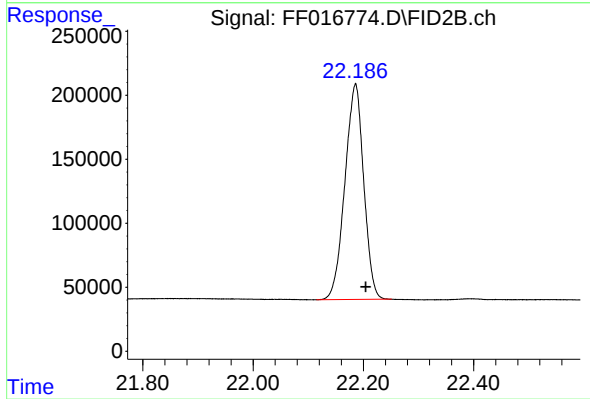
#17 N-OCTATRIACONTANE

R.T.: 21.244 min
Delta R.T.: -0.013 min
Response: 4306080
Conc: 56.10 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.186 min
Delta R.T.: -0.019 min
Response: 3984992
Conc: 58.39 ug/ml m