

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016759.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 16:41
 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 01:08:55 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	5492378	52.571 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6230734	56.136 ug/ml
2) N-DECANE	4.566	6457385	58.360 ug/ml
3) N-DODECANE	6.745	6474338	58.282 ug/ml
4) N-TETRADECANE	8.578	6491359	58.107 ug/ml
5) N-HEXADECANE	10.187	6438179	57.301 ug/ml
6) N-OCTADECANE	11.633	6508479	55.615 ug/ml
7) N-EICOSANE	12.947	6581068	53.896 ug/ml
8) N-DOCOSANE	14.148	6316153	52.986 ug/ml
10) N-TETRACOSANE	15.255	6197268	52.302 ug/ml
11) N-HEXACOSANE	16.280	5914556	51.485 ug/ml
12) N-OCTACOSANE	17.234	5797175	50.872 ug/mlm
13) N-TRIACONTANE	18.124	5765898	51.317 ug/ml
14) N-DOTRIACONTANE	18.961	5576527	52.021 ug/ml
15) N-TETRATRIACONTANE	19.747	5281863	53.753 ug/ml
16) N-HEXATRIACONTANE	20.491	4733433	55.356 ug/ml
17) N-OCTATRIACONTANE	21.246	4324595	56.344 ug/ml
18) N-TETRACONTANE	22.190	4001251	58.628 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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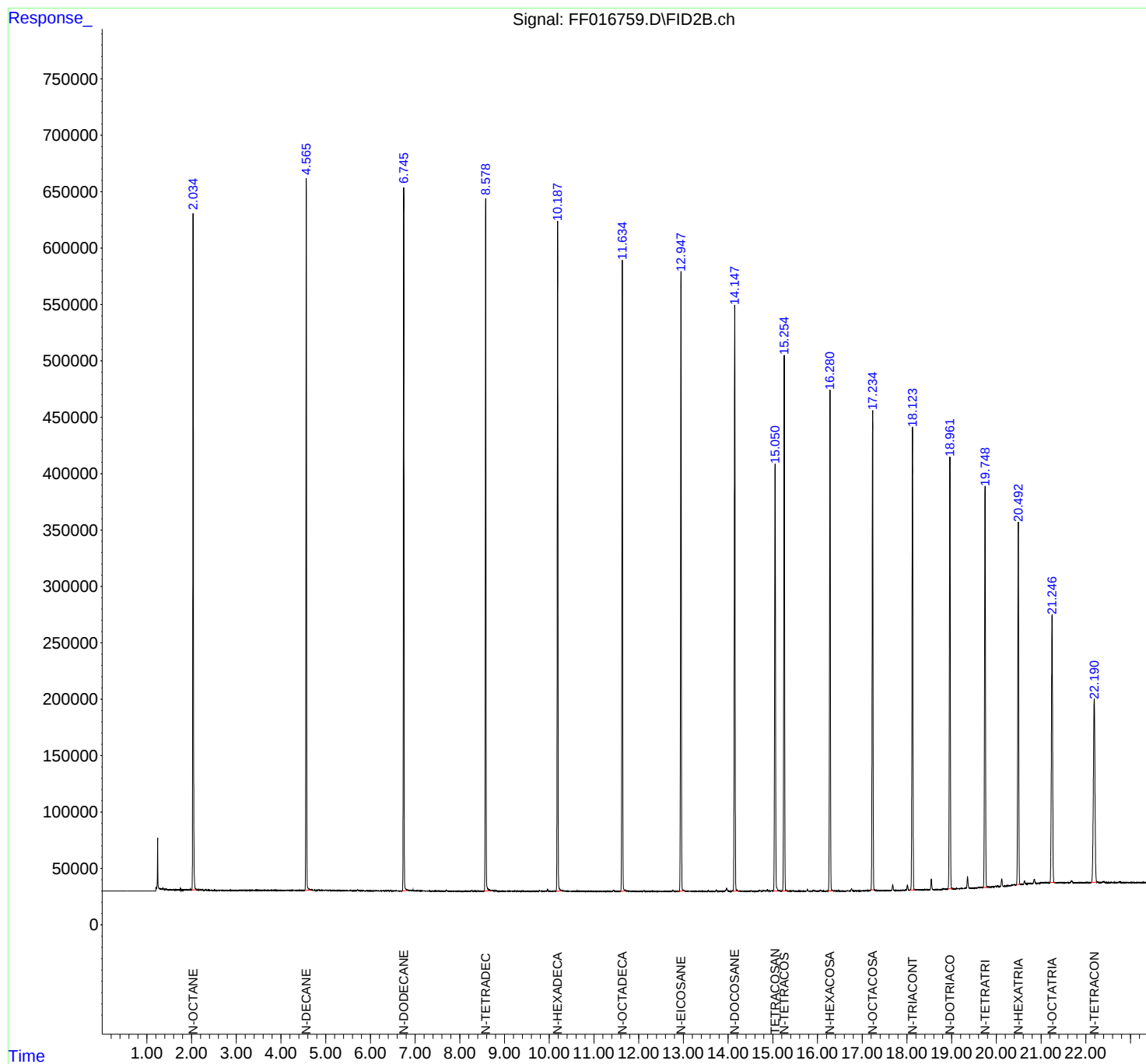
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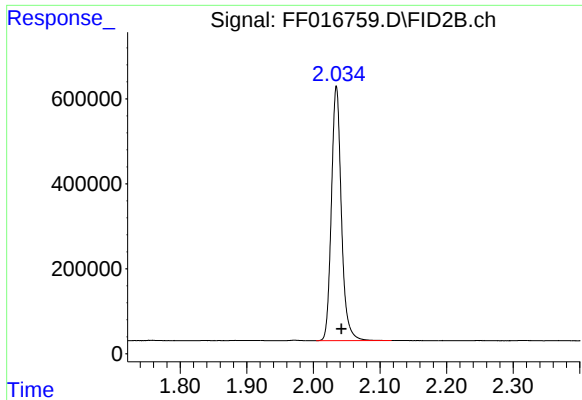
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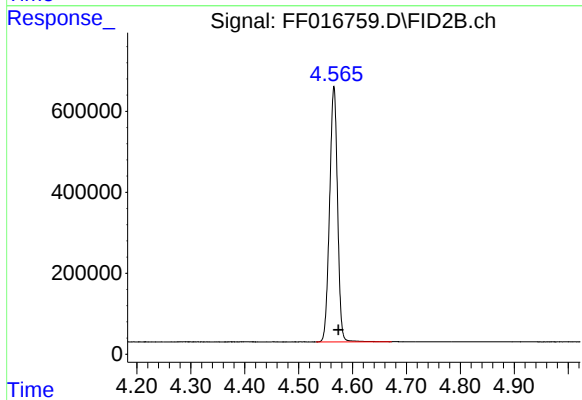
#1 N-OCTANE

R.T.: 2.035 min
Delta R.T.: -0.007 min
Response: 6230734
Conc: 56.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

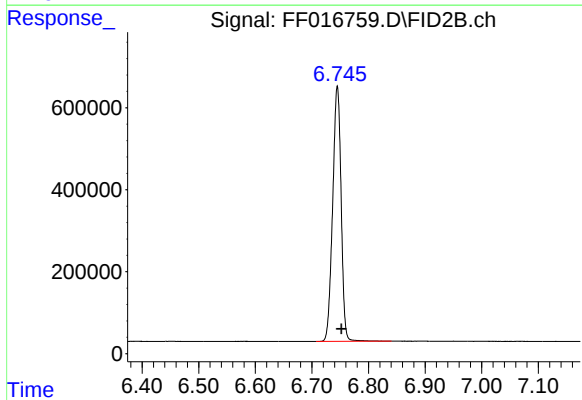
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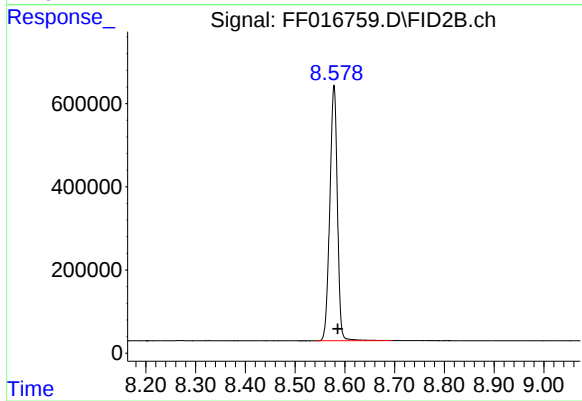
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: -0.008 min
Response: 6457385
Conc: 58.36 ug/ml



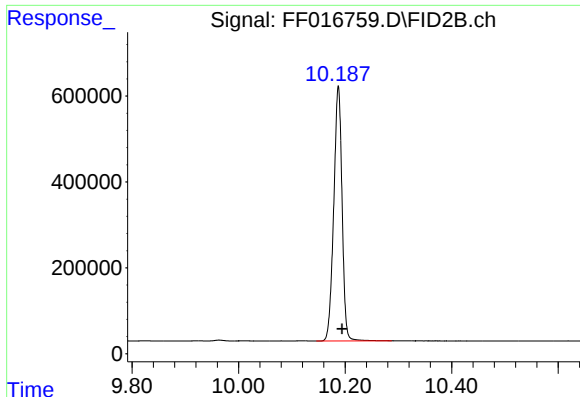
#3 N-DODECANE

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 6474338
Conc: 58.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.578 min
Delta R.T.: -0.007 min
Response: 6491359
Conc: 58.11 ug/ml



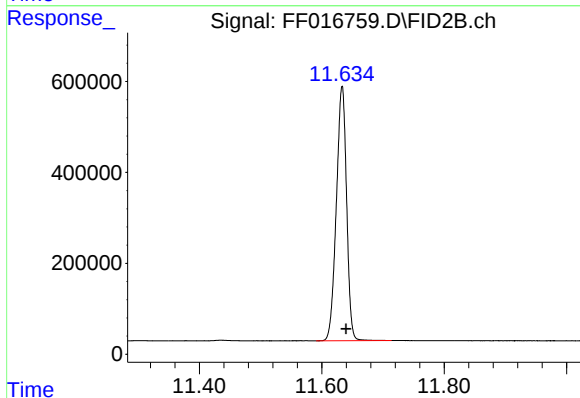
#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: -0.007 min
Response: 6438179
Conc: 57.30 ug/ml

Instrument :
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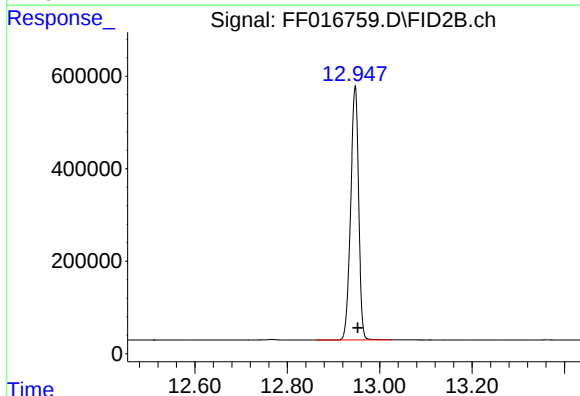
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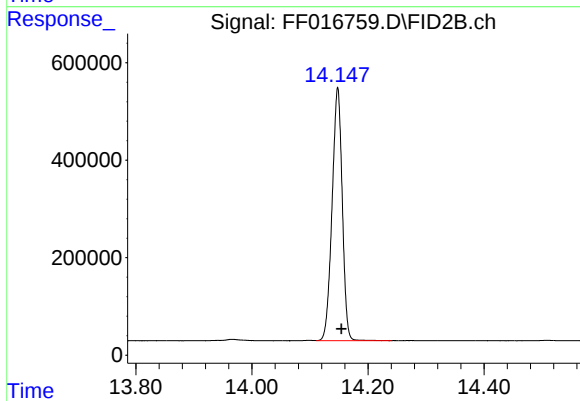
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.007 min
Response: 6508479
Conc: 55.61 ug/ml



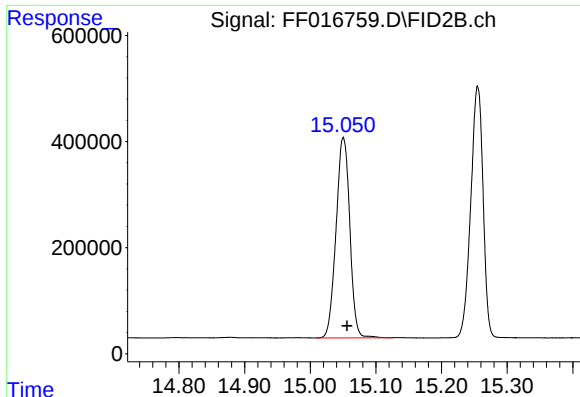
#7 N-EICOSANE

R.T.: 12.947 min
Delta R.T.: -0.006 min
Response: 6581068
Conc: 53.90 ug/ml



#8 N-DOCOSANE

R.T.: 14.148 min
Delta R.T.: -0.006 min
Response: 6316153
Conc: 52.99 ug/ml



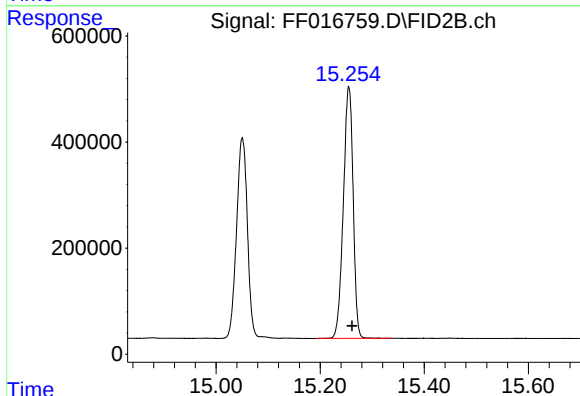
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.050 min
Delta R.T.: -0.006 min
Response: 5492378
Conc: 52.57 ug/ml

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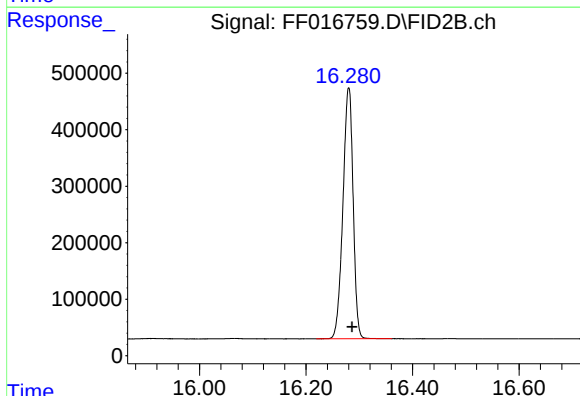
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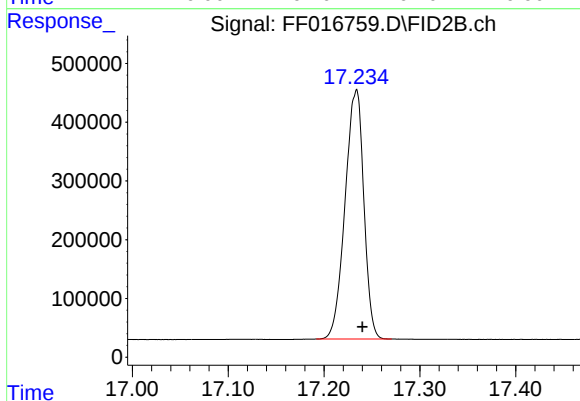
#10 N-TETRACOSANE

R.T.: 15.255 min
Delta R.T.: -0.006 min
Response: 6197268
Conc: 52.30 ug/ml



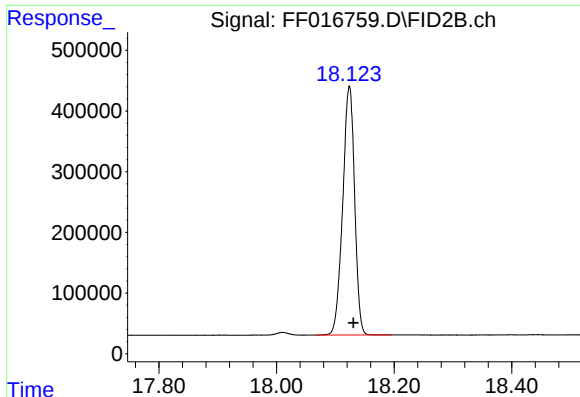
#11 N-HEXACOSANE

R.T.: 16.280 min
Delta R.T.: -0.006 min
Response: 5914556
Conc: 51.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: -0.006 min
Response: 5797175
Conc: 50.87 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.124 min
Delta R.T.: -0.007 min
Response: 5765898
Conc: 51.32 ug/ml

Instrument :

FID_F

ClientSampleId :

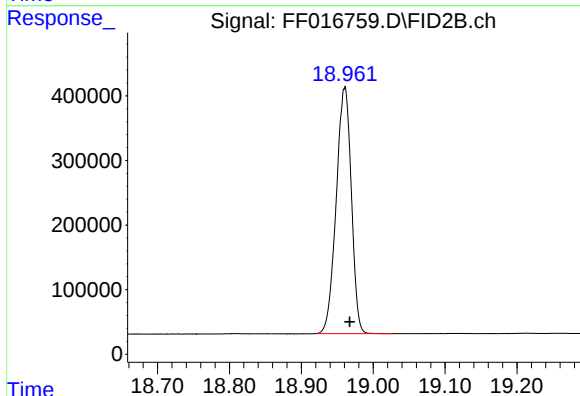
50 PPM TRPH STD

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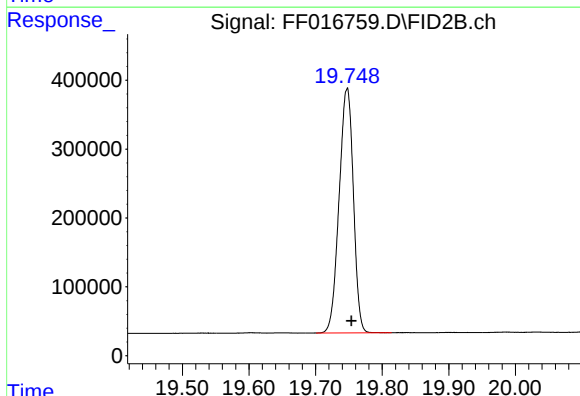
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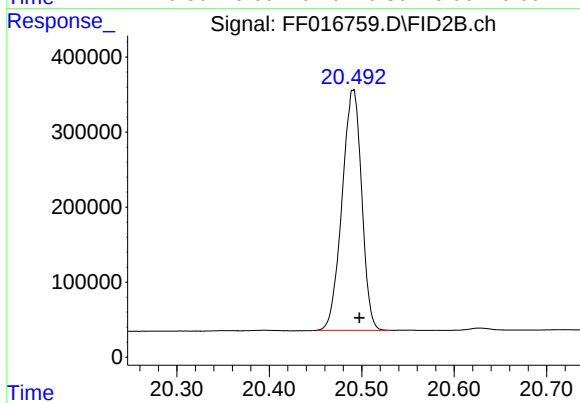
#14 N-DOTRIACONTANE

R.T.: 18.961 min
Delta R.T.: -0.007 min
Response: 5576527
Conc: 52.02 ug/ml



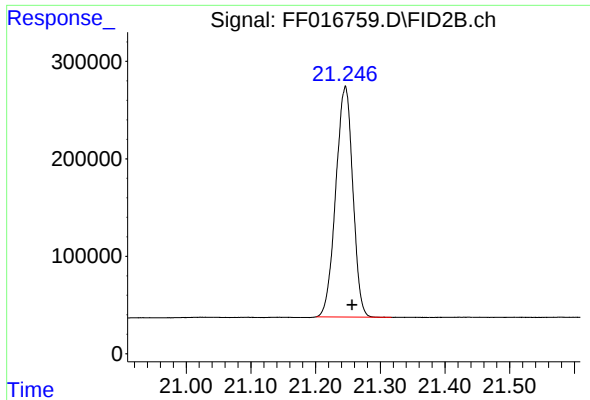
#15 N-TETRATRIACONTANE

R.T.: 19.747 min
Delta R.T.: -0.006 min
Response: 5281863
Conc: 53.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.491 min
Delta R.T.: -0.007 min
Response: 4733433
Conc: 55.36 ug/ml



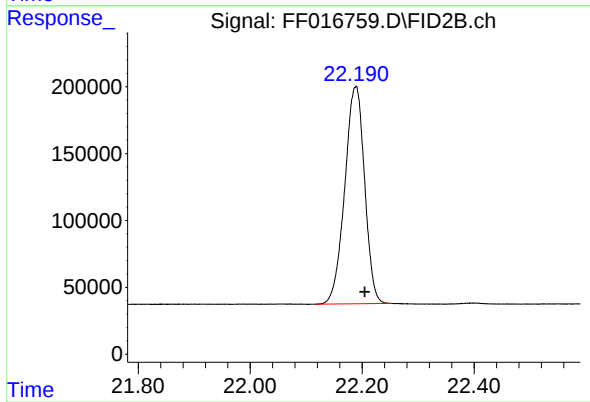
#17 N-OCTATRIACONTANE

R.T.: 21.246 min
Delta R.T.: -0.010 min
Response: 4324595
Conc: 56.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.190 min
Delta R.T.: -0.015 min
Response: 4001251
Conc: 58.63 ug/ml m