

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016765.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 19:42
 Operator : YP\AJ
 Sample : Q3530-05
 Misc : LOD-MDL-SOIL-0.25 ML-QT4-2025
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT4-2025

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 01:11:39 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...	15.047	1985954	19.009 ug/ml
Target Compounds			
1) N-OCTANE	2.038	538403	4.851 ug/ml
2) N-DECANE	4.565	555853	5.024 ug/ml
3) N-DODECANE	6.743	550186	4.953 ug/ml
4) N-TETRADECANE	8.576	542204	4.854 ug/ml
5) N-HEXADECANE	10.185	543512	4.837 ug/ml
6) N-OCTADECANE	11.630	570537	4.875 ug/ml
7) N-EICOSANE	12.943	579469	4.746 ug/ml
8) N-DOCOSANE	14.144	580233	4.868 ug/ml
10) N-TETRACOSANE	15.251	573822	4.843 ug/ml
11) N-HEXACOSANE	16.276	553639	4.819 ug/ml
12) N-OCTACOSANE	17.229	538724	4.727 ug/ml
13) N-TRIACONTANE	18.120	573050	5.100 ug/ml
14) N-DOTRIACONTANE	18.956	915145	8.537 ug/ml
15) N-TETRATRIACONTANE	19.743	1676475	17.061 ug/ml
16) N-HEXATRIACONTANE	20.487	2608981	30.511 ug/ml
17) N-OCTATRIACONTANE	21.243	3213633	41.870 ug/ml
18) N-TETRACONTANE	22.185	3560939	52.177 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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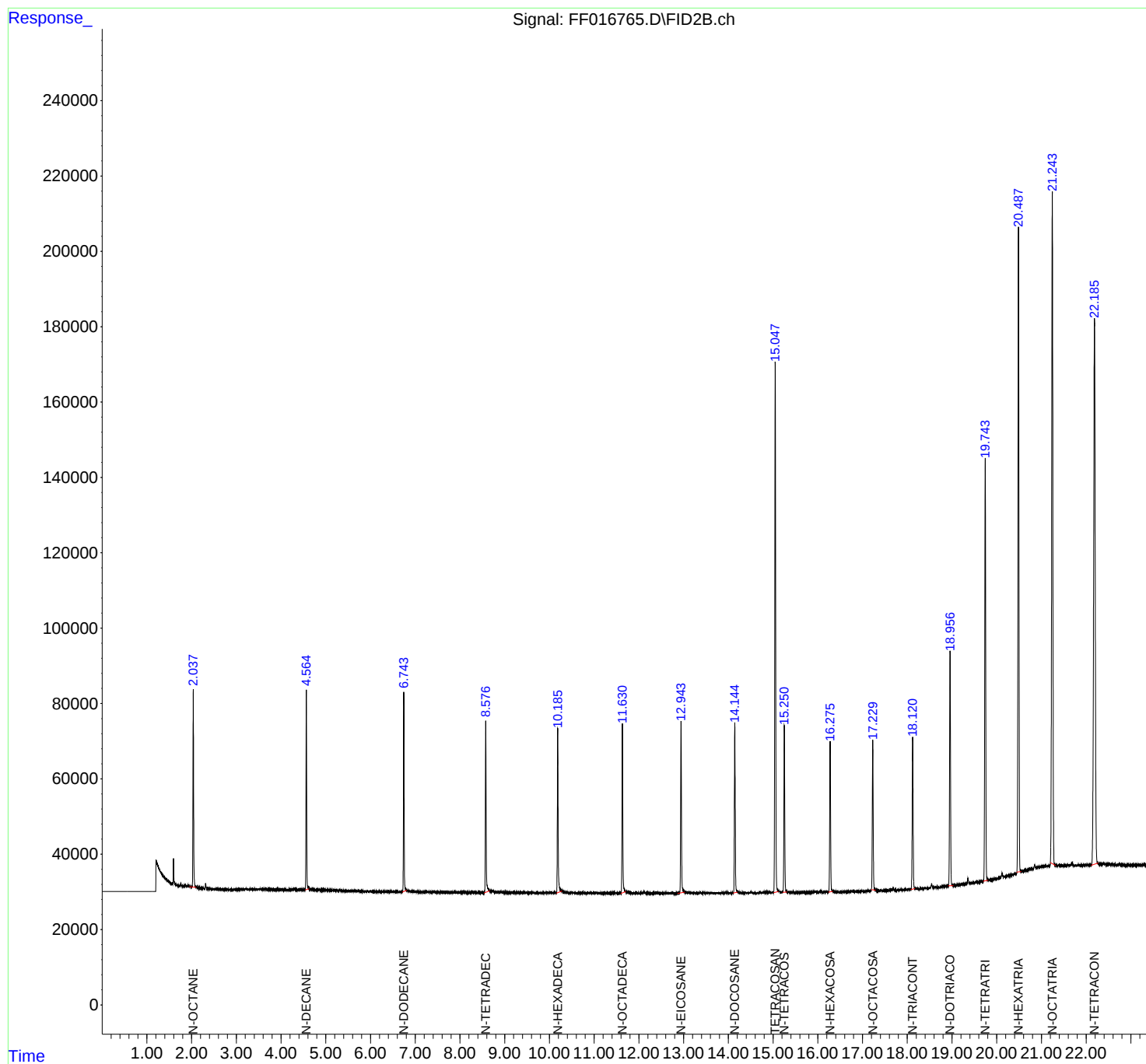
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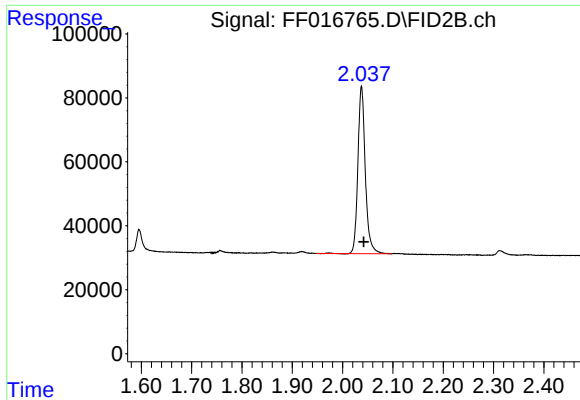
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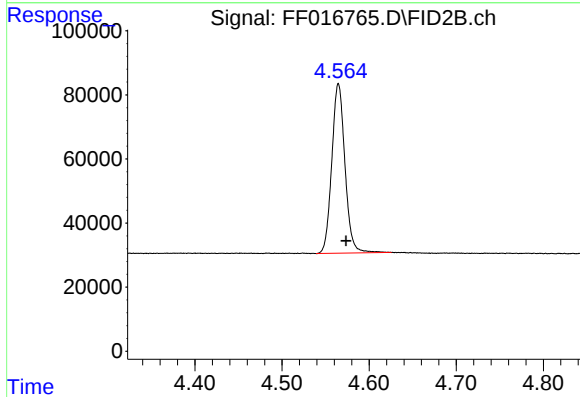
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: -0.004 min
Response: 538403
Conc: 4.85 ug/ml

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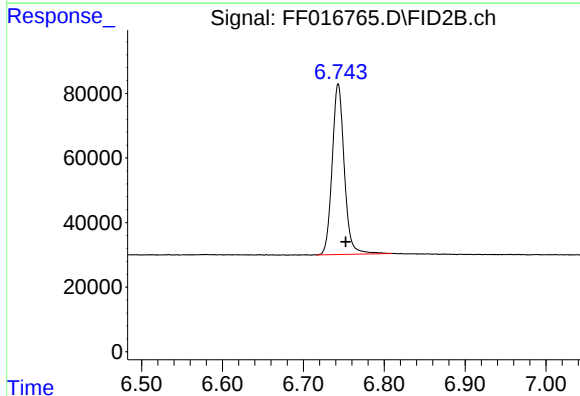
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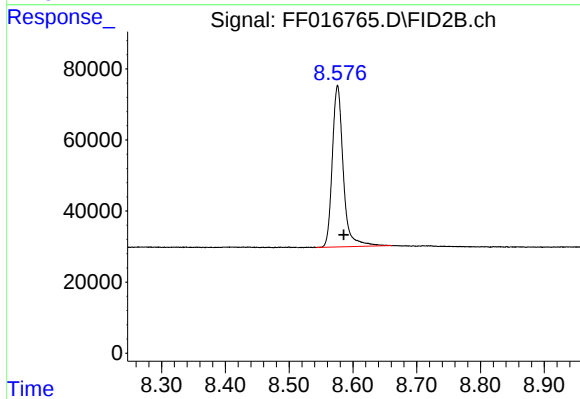
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 555853
Conc: 5.02 ug/ml



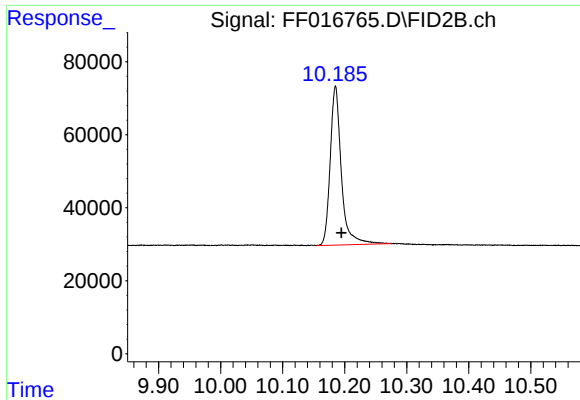
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.009 min
Response: 550186
Conc: 4.95 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.010 min
Response: 542204
Conc: 4.85 ug/ml



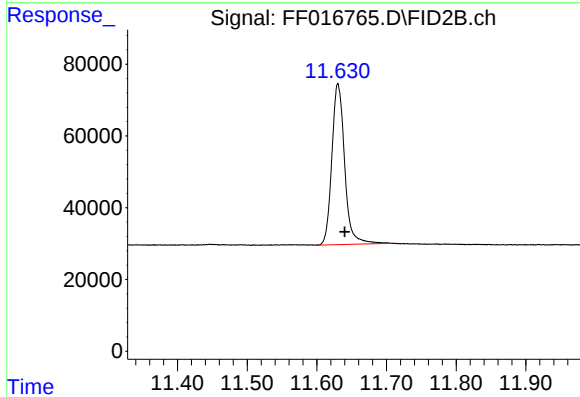
#5 N-HEXADECANE

R.T.: 10.185 min
Delta R.T.: -0.009 min
Response: 543512
Conc: 4.84 ug/ml

Instrument :
FID_F
ClientSampleId :
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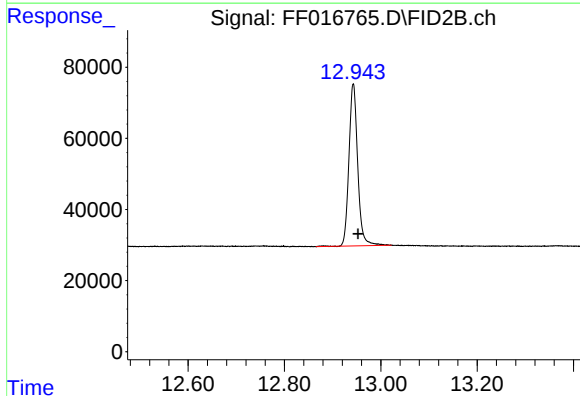
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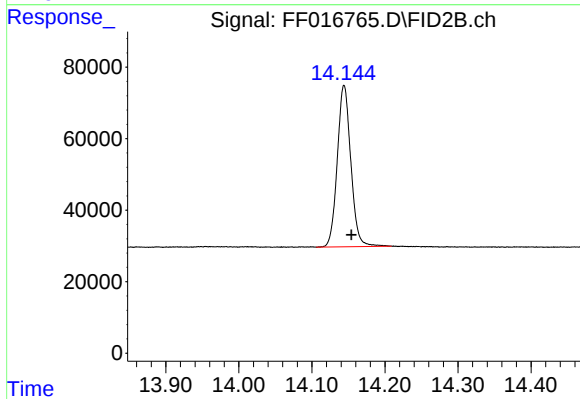
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 570537
Conc: 4.88 ug/ml



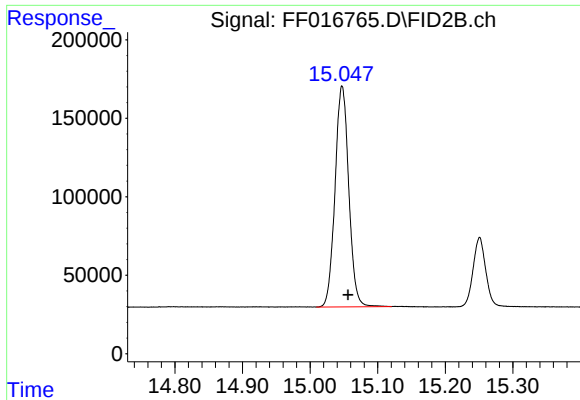
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.010 min
Response: 579469
Conc: 4.75 ug/ml



#8 N-DOCOSANE

R.T.: 14.144 min
Delta R.T.: -0.010 min
Response: 580233
Conc: 4.87 ug/ml



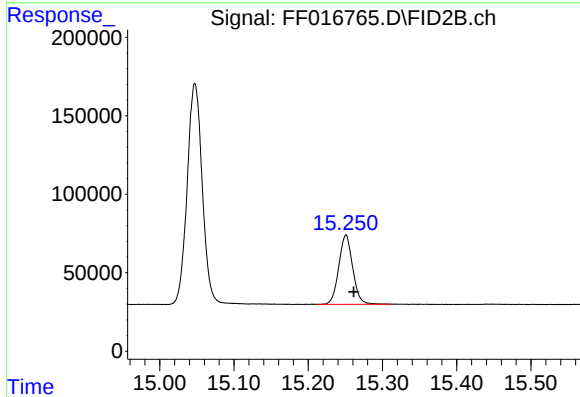
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: -0.009 min
Response: 1985954
Conc: 19.01 ug/ml

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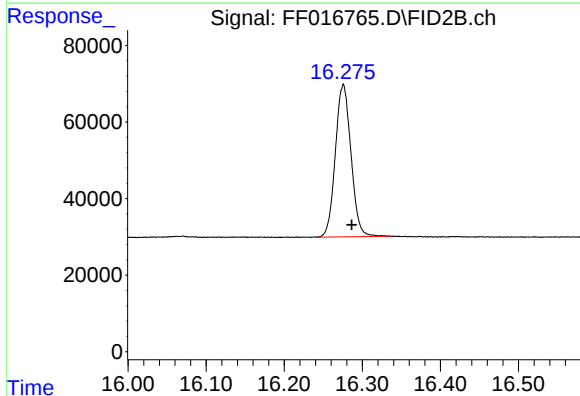
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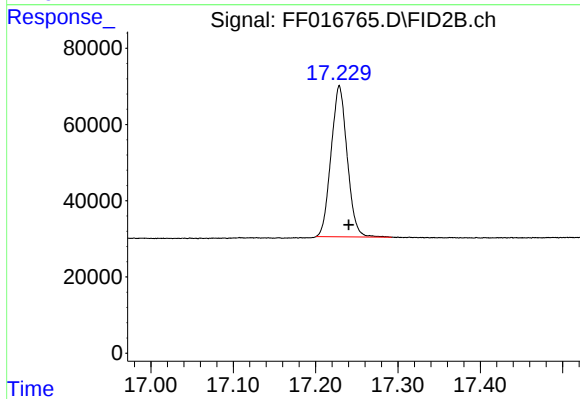
#10 N-TETRACOSANE

R.T.: 15.251 min
Delta R.T.: -0.010 min
Response: 573822
Conc: 4.84 ug/ml



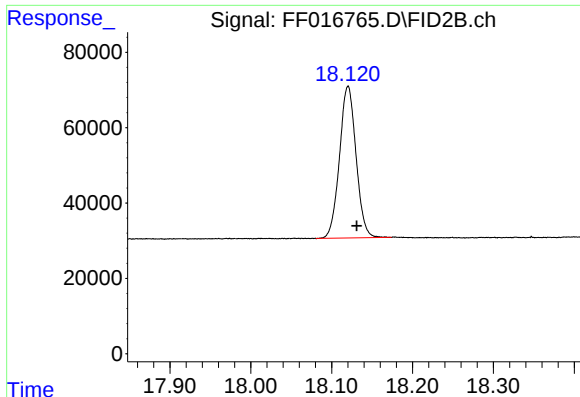
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.011 min
Response: 553639
Conc: 4.82 ug/ml



#12 N-OCTACOSANE

R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 538724
Conc: 4.73 ug/ml



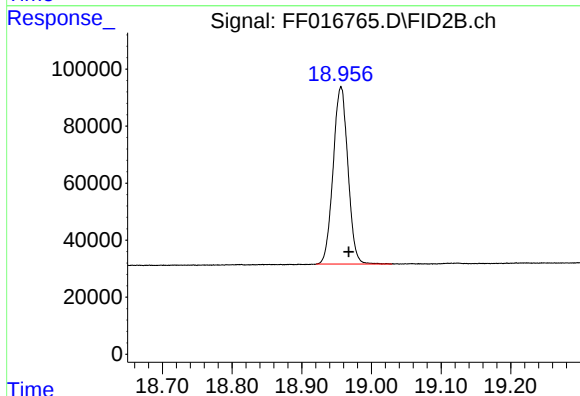
#13 N-TRIACONTANE

R.T.: 18.120 min
Delta R.T.: -0.011 min
Response: 573050
Conc: 5.10 ug/ml

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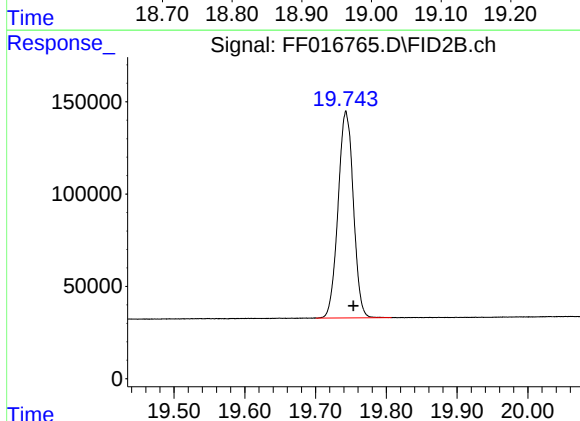
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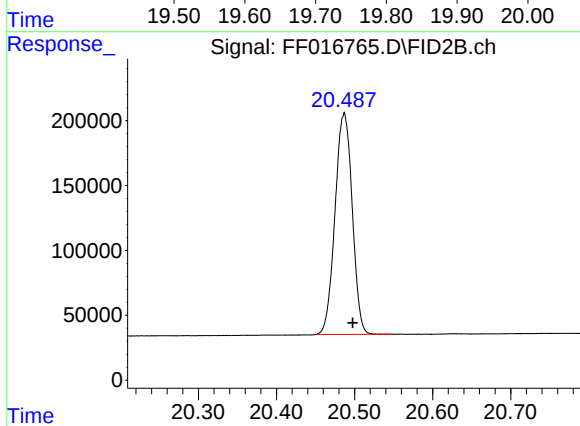
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: -0.011 min
Response: 915145
Conc: 8.54 ug/ml



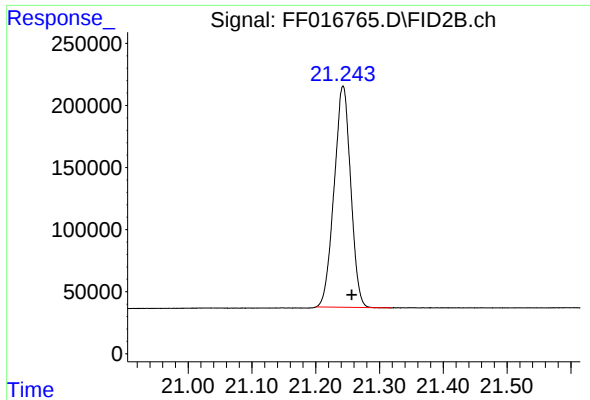
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: -0.011 min
Response: 1676475
Conc: 17.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.487 min
Delta R.T.: -0.011 min
Response: 2608981
Conc: 30.51 ug/ml



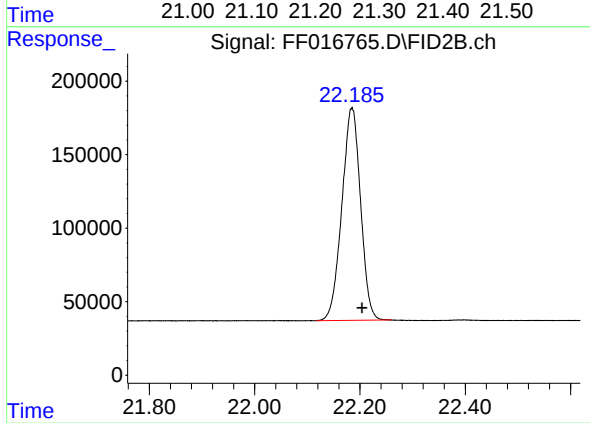
#17 N-OCTATRIACONTANE

R.T.: 21.243 min
Delta R.T.: -0.014 min
Response: 3213633
Conc: 41.87 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.185 min
Delta R.T.: -0.020 min
Response: 3560939
Conc: 52.18 ug/ml m