

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016240.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 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 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e
 Quant Time: Aug 28 02:33:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.082	5685339	50.934 ug/mlm
Target Compounds			
1) N-OCTANE	2.056	5686483	49.984 ug/ml
2) N-DECANE	4.597	6001382	51.547 ug/ml
3) N-DODECANE	6.777	6091311	51.564 ug/ml
4) N-TETRADECANE	8.610	6204378	51.317 ug/ml
5) N-HEXADECANE	10.220	6239548	51.337 ug/ml
6) N-OCTADECANE	11.666	6426200	51.344 ug/ml
7) N-EICOSANE	12.979	6631877	51.253 ug/ml
8) N-DOCOSANE	14.180	6481382	51.266 ug/ml
10) N-TETRACOSANE	15.286	6497940	51.270 ug/ml
11) N-HEXACOSANE	16.309	6322338	51.073 ug/ml
12) N-OCTACOSANE	17.261	6343585	50.682 ug/ml
13) N-TRIACONTANE	18.151	6434726	50.374 ug/ml
14) N-DOTRIACONTANE	18.987	6239201	50.130 ug/ml
15) N-TETRATRIACONTANE	19.773	5497742	49.122 ug/ml
16) N-HEXATRIACONTANE	20.513	4320206	46.948 ug/ml
17) N-OCTATRIACONTANE	21.274	3449590	45.155 ug/ml
18) N-TETRACONTANE	22.224	2895249	44.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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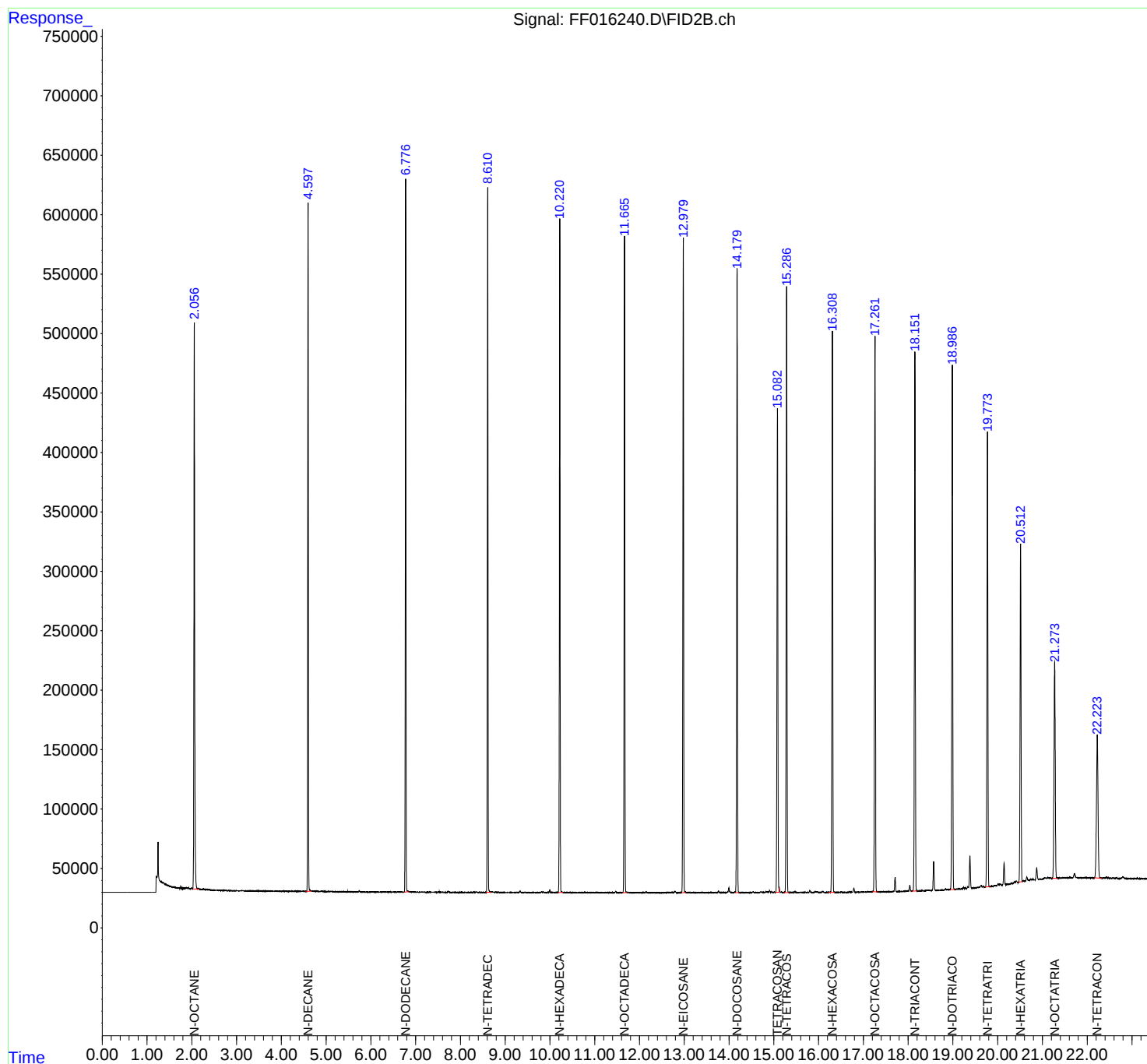
Instrument :
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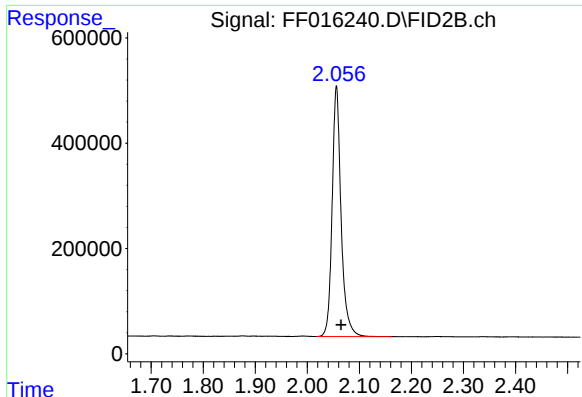
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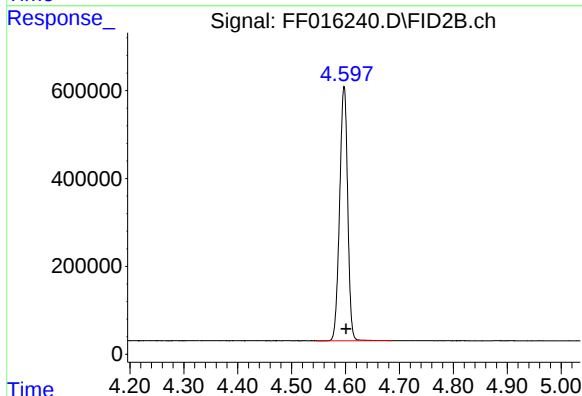
#1 N-OCTANE

R.T.: 2.056 min
Delta R.T.: -0.009 min
Response: 5686483
Conc: 49.98 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

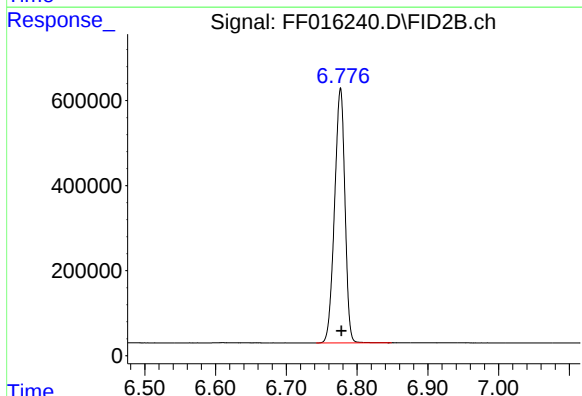
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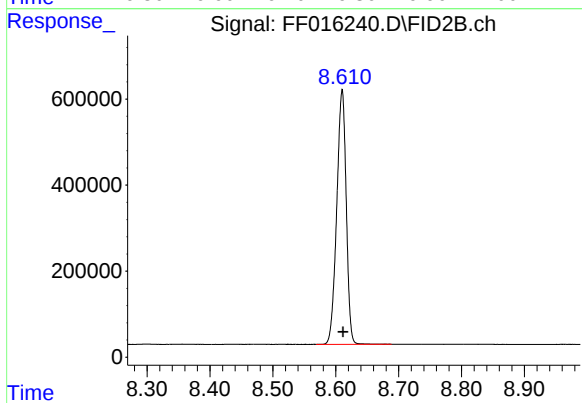
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 6001382
Conc: 51.55 ug/ml



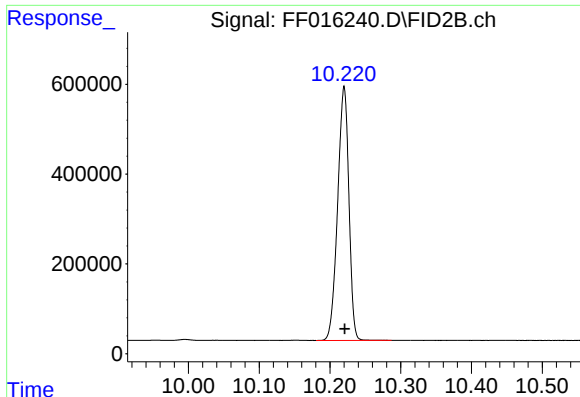
#3 N-DODECANE

R.T.: 6.777 min
Delta R.T.: -0.001 min
Response: 6091311
Conc: 51.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.610 min
Delta R.T.: -0.001 min
Response: 6204378
Conc: 51.32 ug/ml



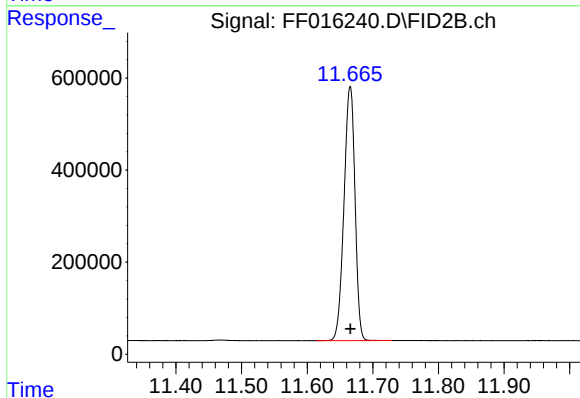
#5 N-HEXADECANE

R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 6239548
Conc: 51.34 ug/ml

Instrument :
FID_F
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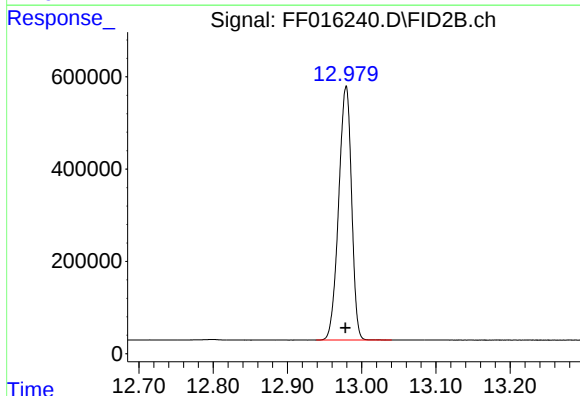
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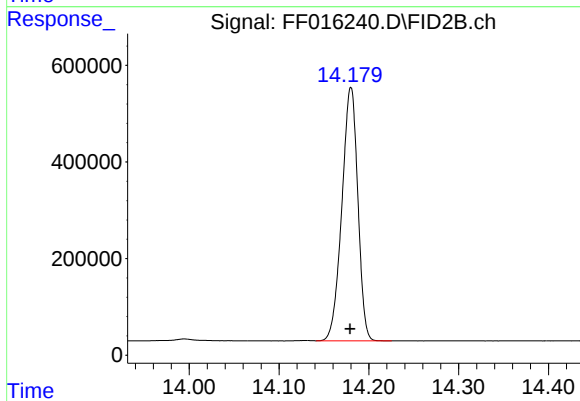
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 6426200
Conc: 51.34 ug/ml



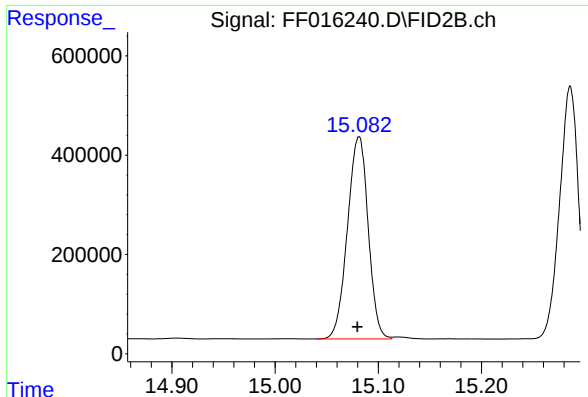
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 6631877
Conc: 51.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: 0.000 min
Response: 6481382
Conc: 51.27 ug/ml



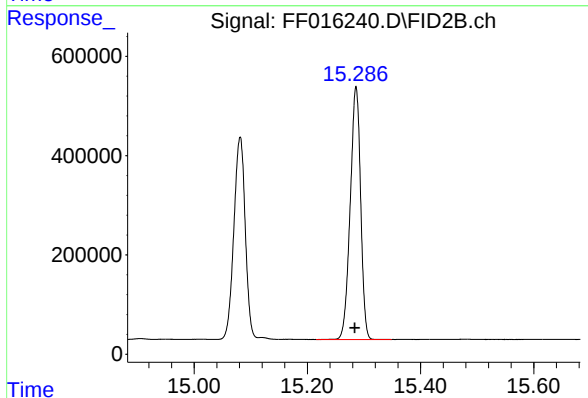
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: 0.002 min
Response: 5685339
Conc: 50.93 ug/ml

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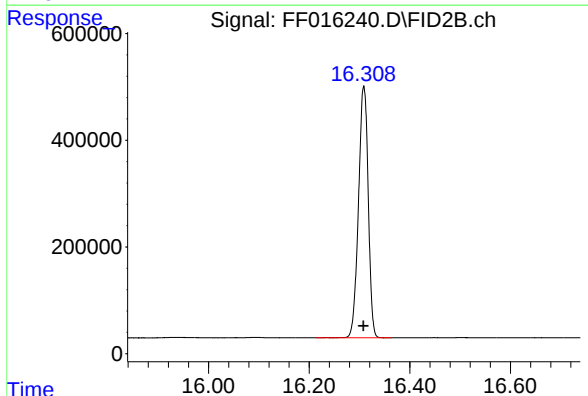
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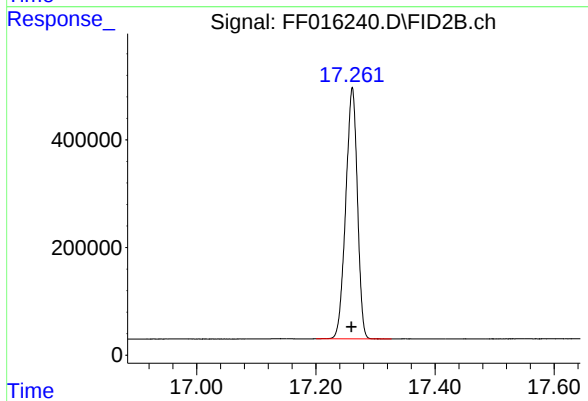
#10 N-TETRACOSANE

R.T.: 15.286 min
Delta R.T.: 0.002 min
Response: 6497940
Conc: 51.27 ug/ml



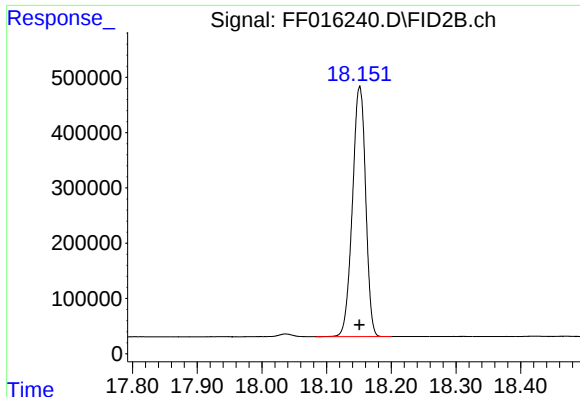
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: 0.001 min
Response: 6322338
Conc: 51.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: 0.001 min
Response: 6343585
Conc: 50.68 ug/ml



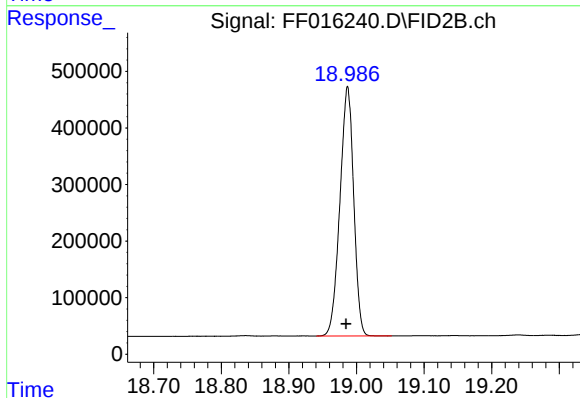
#13 N-TRIACONTANE

R.T.: 18.151 min
Delta R.T.: 0.000 min
Response: 6434726
Conc: 50.37 ug/ml

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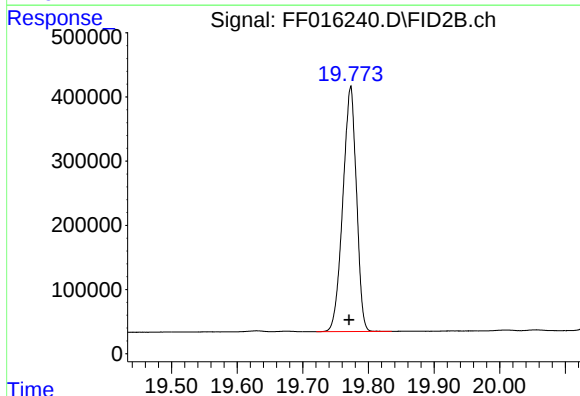
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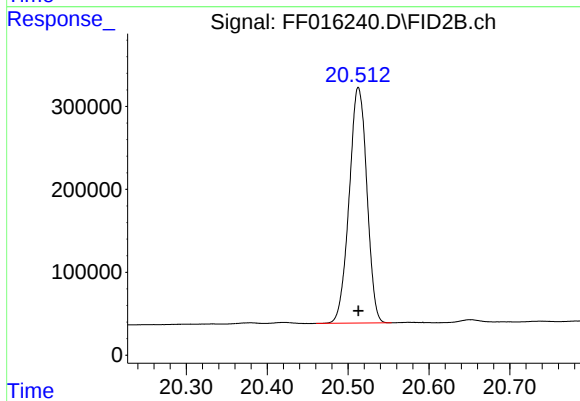
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.002 min
Response: 6239201
Conc: 50.13 ug/ml



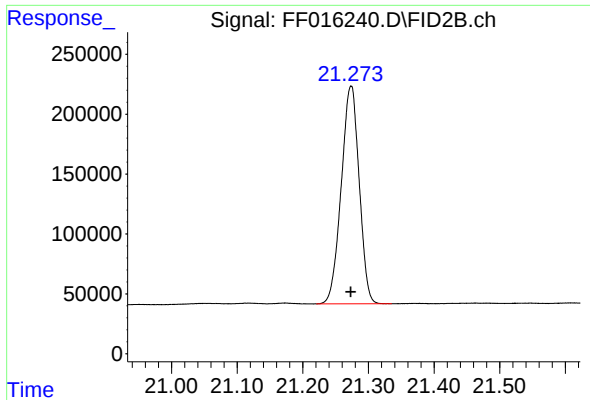
#15 N-TETRATRIACONTANE

R.T.: 19.773 min
Delta R.T.: 0.002 min
Response: 5497742
Conc: 49.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.513 min
Delta R.T.: 0.000 min
Response: 4320206
Conc: 46.95 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.274 min
Delta R.T.: 0.000 min
Response: 3449590
Conc: 45.16 ug/ml

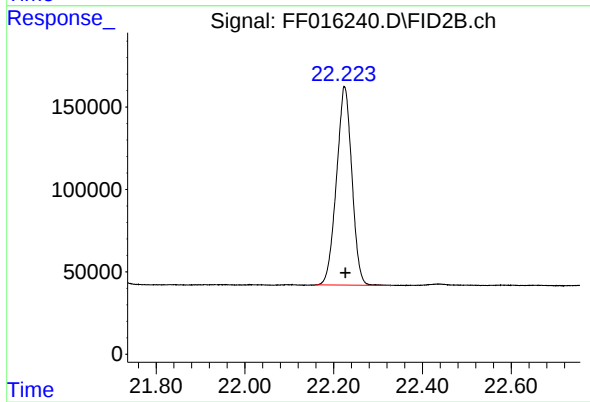
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#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.003 min
Response: 2895249
Conc: 44.07 ug/ml