

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016496.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 17:24
 Operator : YP\AJ
 Sample : PB169938BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB169938BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 06:42:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.067	1709257	13.200 ug/ml
Target Compounds			
1) N-OCTANE	2.046	1647462	12.530 ug/ml
2) N-DECANE	4.581	1996236	14.992 ug/ml
3) N-DODECANE	6.760	2044206	15.037 ug/ml
4) N-TETRADECANE	8.594	2076117	14.891 ug/ml
5) N-HEXADECANE	10.204	2085229	14.678 ug/ml
6) N-OCTADECANE	11.650	2126193	14.463 ug/ml
7) N-EICOSANE	12.963	2156452	14.456 ug/ml
8) N-DOCOSANE	14.166	2067030	14.216 ug/ml
10) N-TETRACOSANE	15.272	2034563	14.040 ug/ml
11) N-HEXACOSANE	16.295	1953018	13.668 ug/ml
12) N-OCTACOSANE	17.249	1933936	13.903 ug/ml
13) N-TRIACONTANE	18.139	1951103	14.119 ug/ml
14) N-DOTRIACONTANE	18.976	1885196	14.596 ug/ml
15) N-TETRATRIACONTANE	19.762	1663364	15.163 ug/ml
16) N-HEXATRIACONTANE	20.503	1377743	15.650 ug/ml
17) N-OCTATRIACONTANE	21.263	1223060	16.463 ug/mlm
18) N-TETRACONTANE	22.210	1155042	17.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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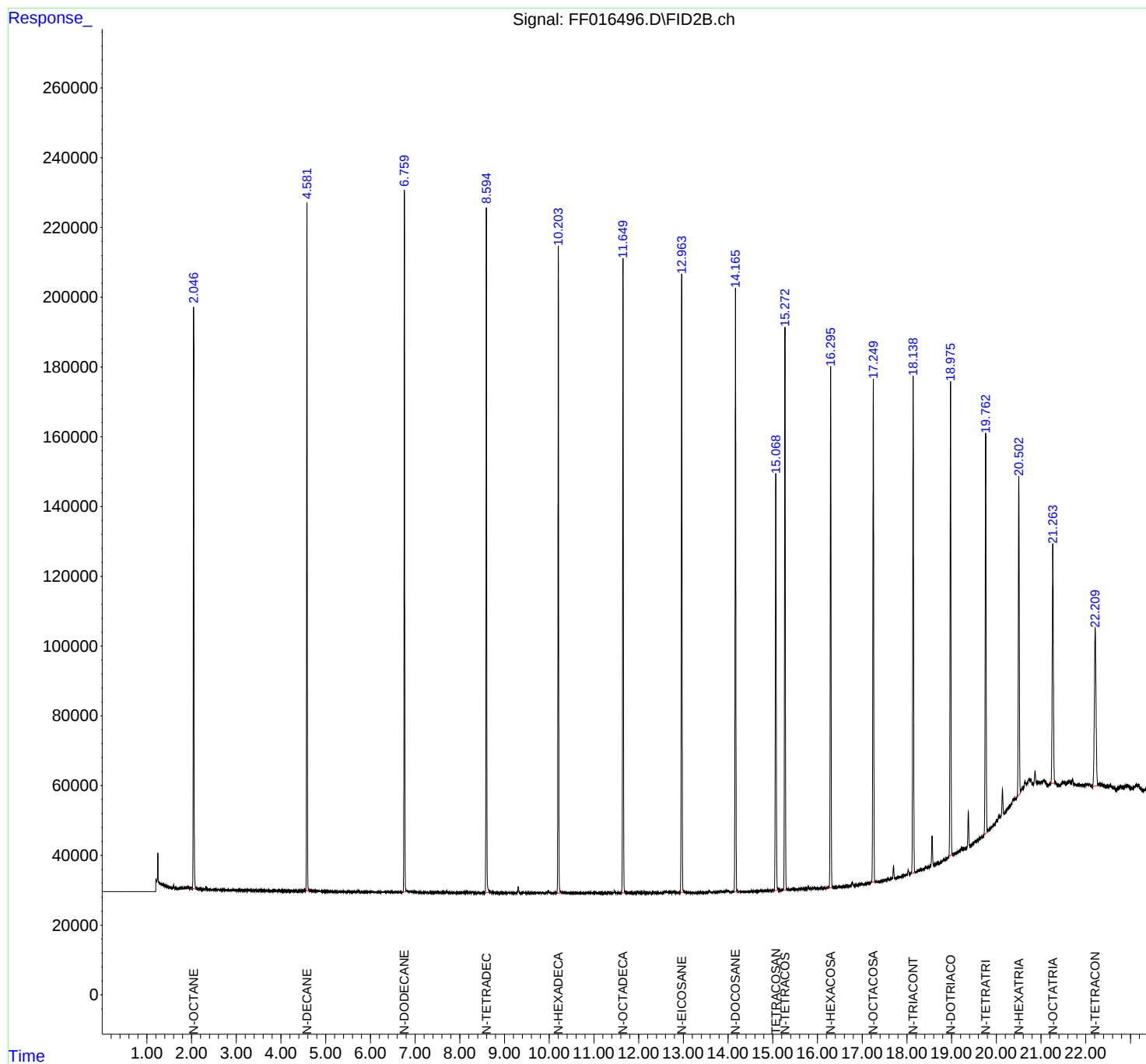
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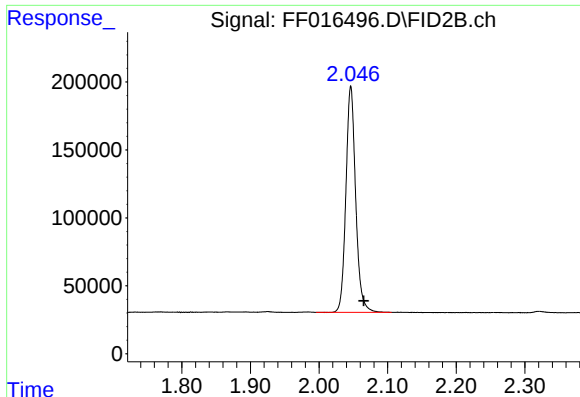
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.046 min
Delta R.T.: -0.019 min
Response: 1647462
Conc: 12.53 ug/ml

Instrument :

FID_F

ClientSampleId :

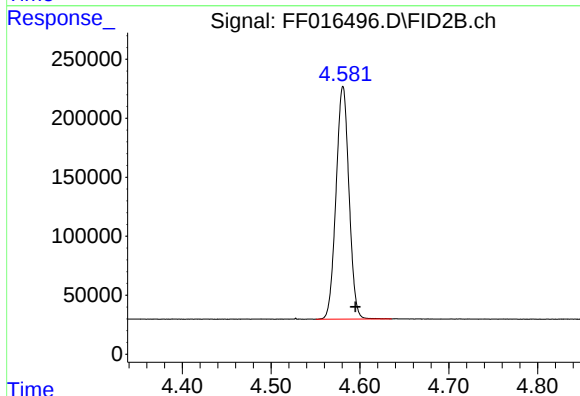
PB169938BS

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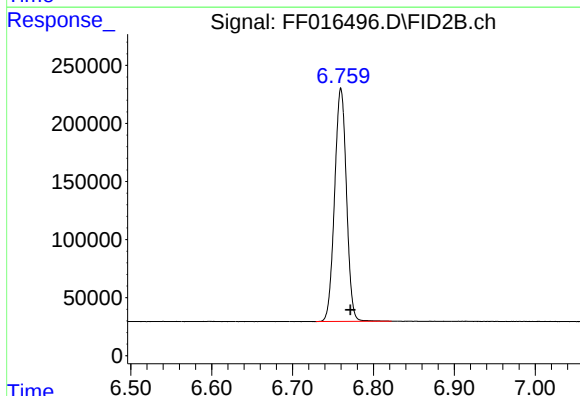
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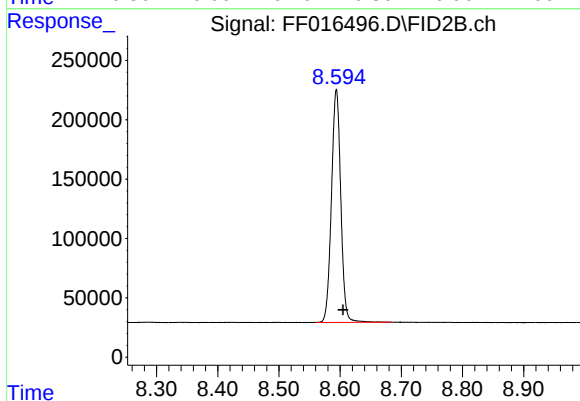
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.014 min
Response: 1996236
Conc: 14.99 ug/ml



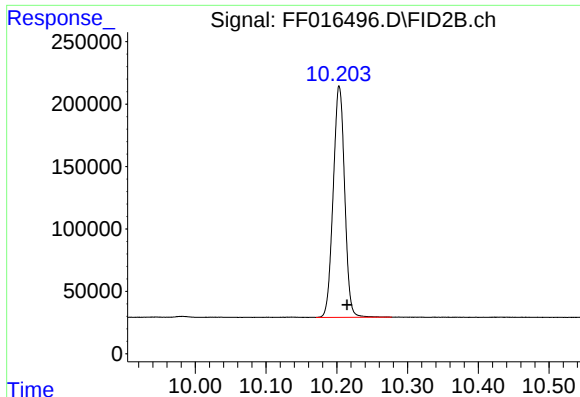
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 2044206
Conc: 15.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: -0.011 min
Response: 2076117
Conc: 14.89 ug/ml



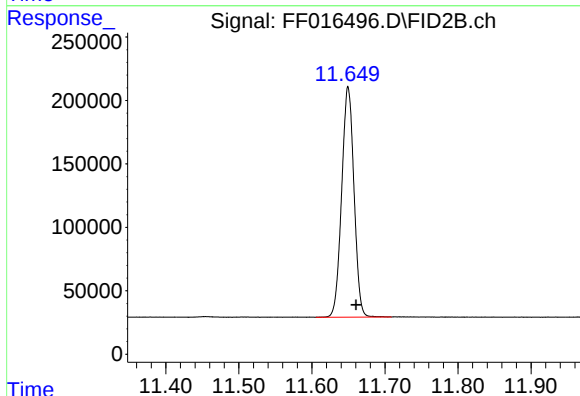
#5 N-HEXADECANE

R.T.: 10.204 min
Delta R.T.: -0.011 min
Response: 2085229
Conc: 14.68 ug/ml

Instrument :
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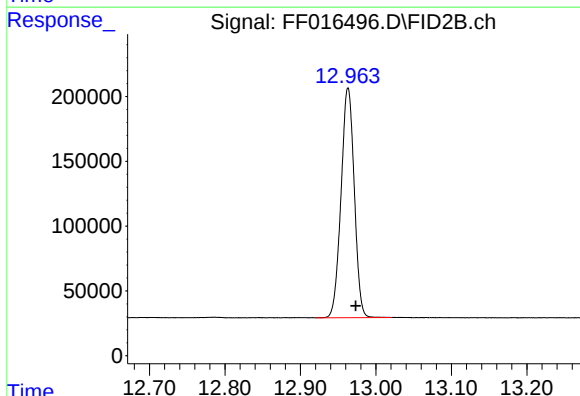
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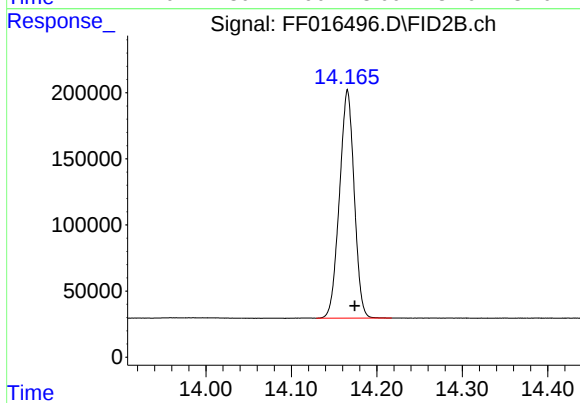
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: -0.011 min
Response: 2126193
Conc: 14.46 ug/ml



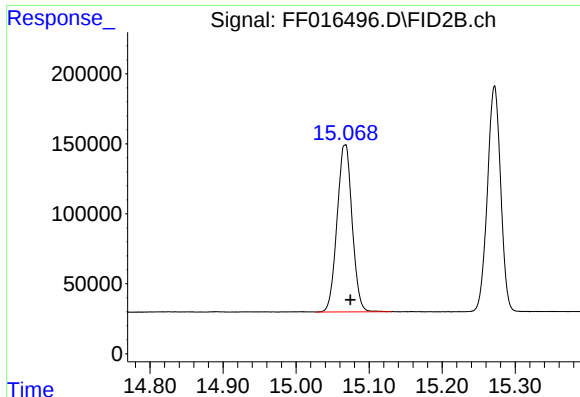
#7 N-EICOSANE

R.T.: 12.963 min
Delta R.T.: -0.010 min
Response: 2156452
Conc: 14.46 ug/ml



#8 N-DOCOSANE

R.T.: 14.166 min
Delta R.T.: -0.008 min
Response: 2067030
Conc: 14.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.067 min
Delta R.T.: -0.007 min
Response: 1709257
Conc: 13.20 ug/ml

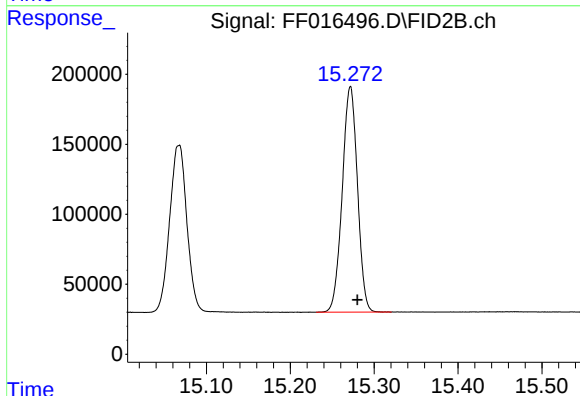
Instrument :

FID_F

ClientSampleId :
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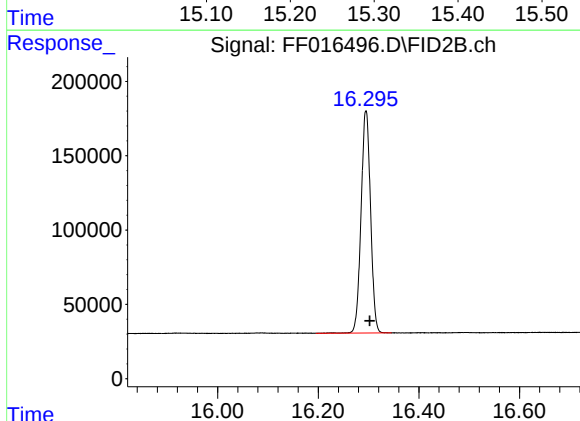
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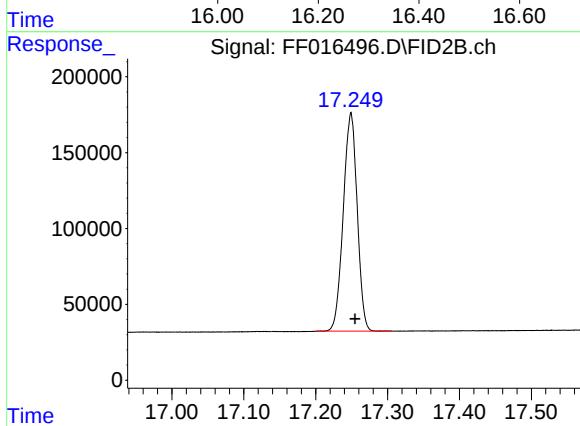
#10 N-TETRACOSANE

R.T.: 15.272 min
Delta R.T.: -0.008 min
Response: 2034563
Conc: 14.04 ug/ml



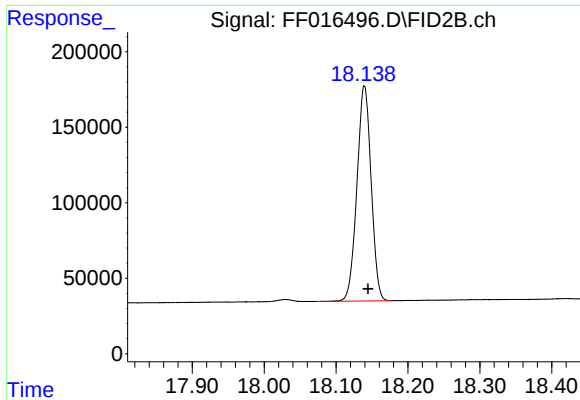
#11 N-HEXACOSANE

R.T.: 16.295 min
Delta R.T.: -0.008 min
Response: 1953018
Conc: 13.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.249 min
Delta R.T.: -0.006 min
Response: 1933936
Conc: 13.90 ug/ml



#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.005 min
Response: 1951103
Conc: 14.12 ug/ml

Instrument :

FID_F

ClientSampleId :

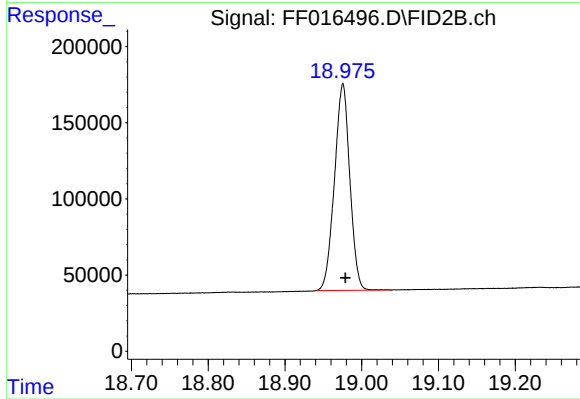
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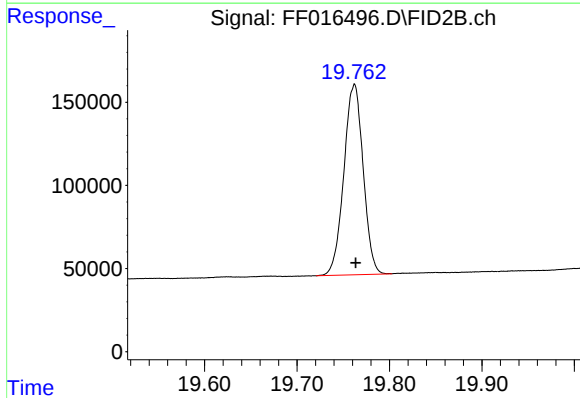
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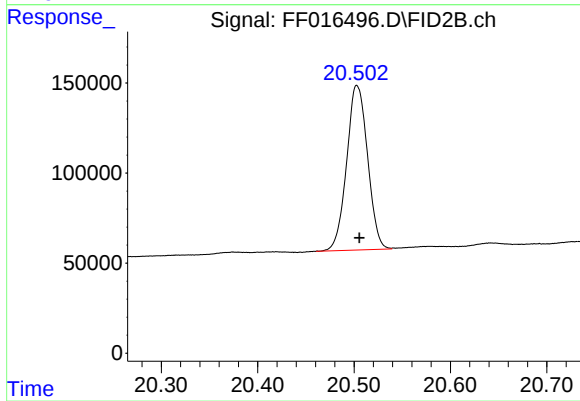
#14 N-DOTRIACONTANE

R.T.: 18.976 min
Delta R.T.: -0.003 min
Response: 1885196
Conc: 14.60 ug/ml



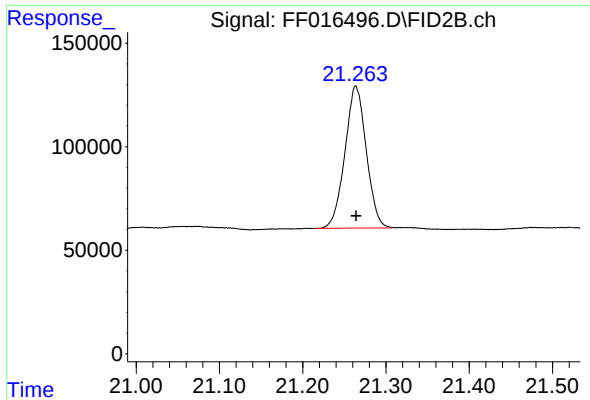
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: -0.001 min
Response: 1663364
Conc: 15.16 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: -0.003 min
Response: 1377743
Conc: 15.65 ug/ml



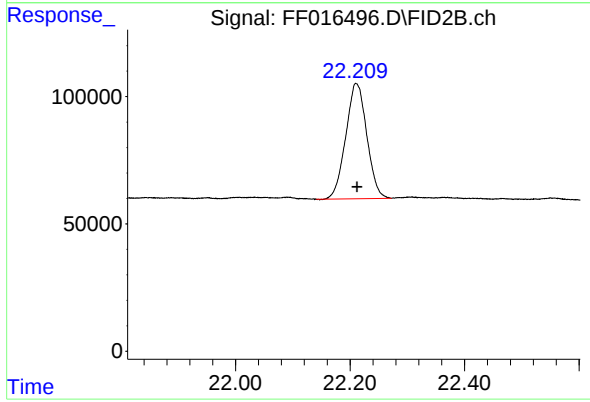
#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 1223060
Conc: 16.46 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: -0.002 min
Response: 1155042
Conc: 17.67 ug/ml