

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102324\
 Data File : FF014752.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 08:42
 Operator : YP\AJ
 Sample : PB164324BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB164324BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 24 02:15:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102124.M
 Quant Title :
 QLast Update : Tue Oct 22 08:35:55 2024
 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...	15.010	2490022	18.921 ug/ml
Target Compounds			
1) N-OCTANE	2.048	2667288	19.171 ug/ml
2) N-DECANE	4.570	3117848	21.825 ug/ml
3) N-DODECANE	6.732	3240688	22.332 ug/ml
4) N-TETRADECANE	8.557	3158207	21.545 ug/ml
5) N-HEXADECANE	10.163	3197917	21.762 ug/ml
6) N-OCTADECANE	11.605	3290124	21.915 ug/ml
7) N-EICOSANE	12.914	3223111	21.246 ug/ml
8) N-DOCOSANE	14.110	3171095	21.550 ug/ml
10) N-TETRACOSANE	15.214	3177314	21.619 ug/ml
11) N-HEXACOSANE	16.233	3116354	21.336 ug/ml
12) N-OCTACOSANE	17.183	3065780	21.218 ug/ml
13) N-TRIACONTANE	18.070	2931465	20.025 ug/ml
14) N-DOTRIACONTANE	18.901	2394840	16.646 ug/ml
15) N-TETRATRIACONTANE	19.684	1665146	12.142 ug/ml
16) N-HEXATRIACONTANE	20.421	1179357	9.091 ug/mlm
17) N-OCTATRIACONTANE	21.155	981290	8.532 ug/ml
18) N-TETRACONTANE	22.058	924310	8.803 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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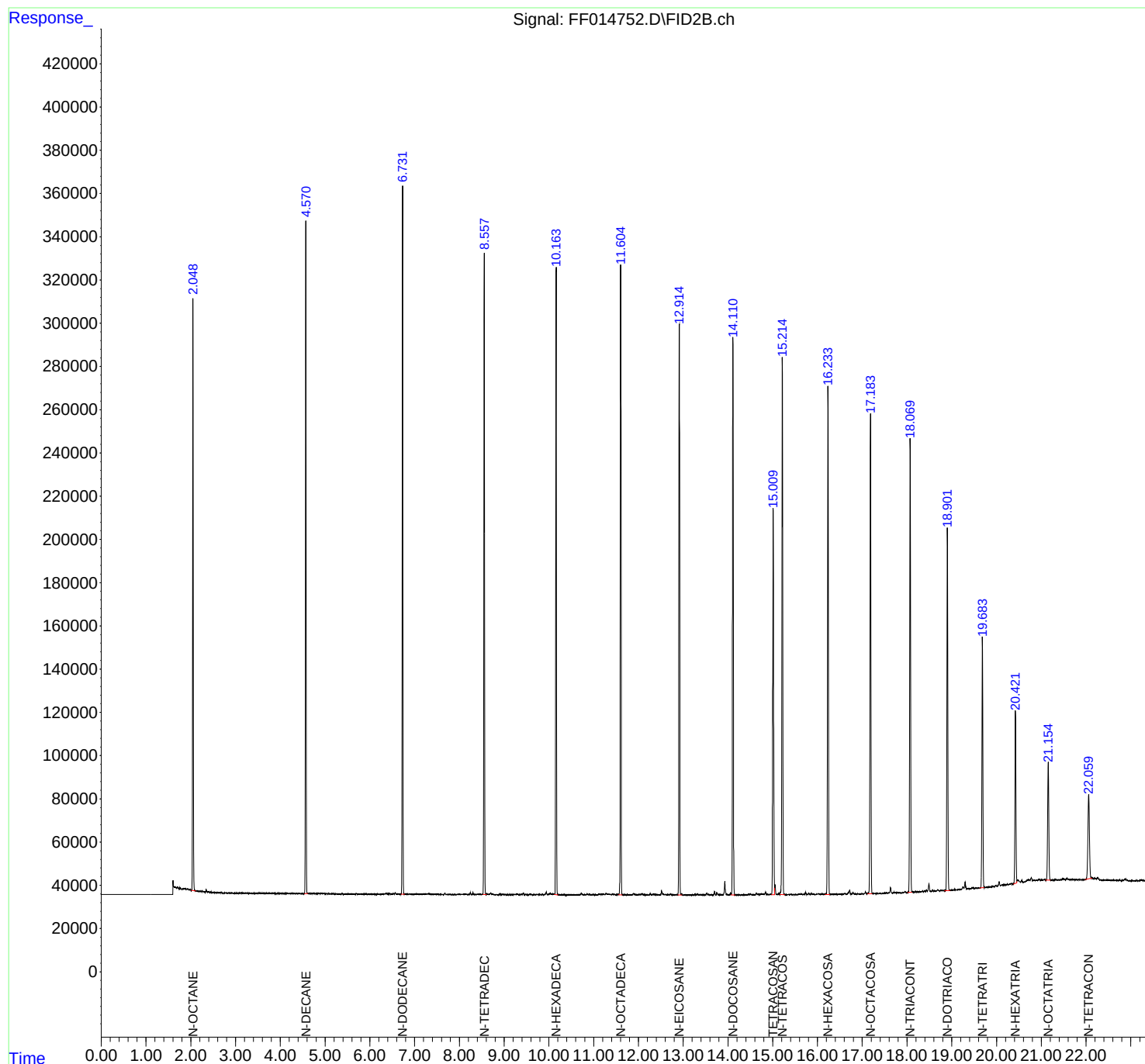
APPROVED

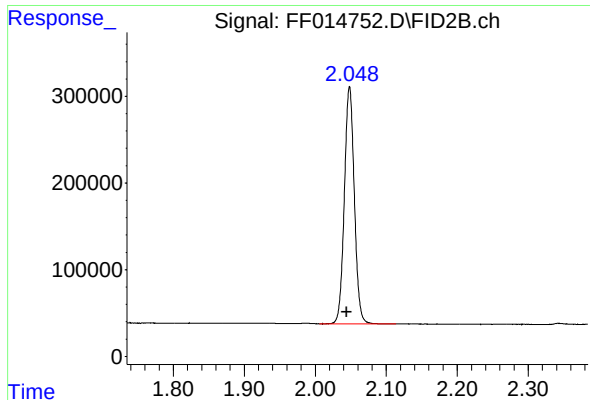
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.004 min
Response: 2667288
Conc: 19.17 ug/ml

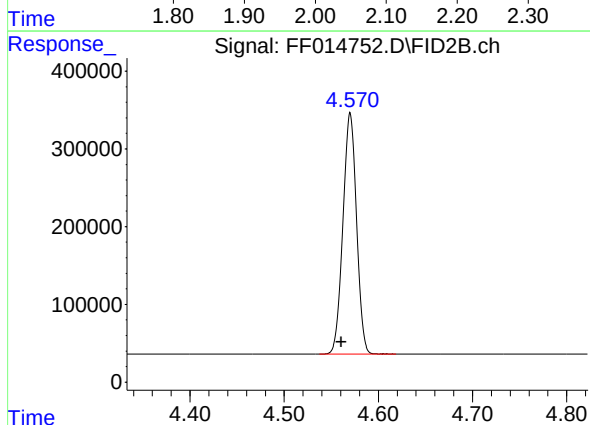
Instrument :

FID_F

ClientSampleId :
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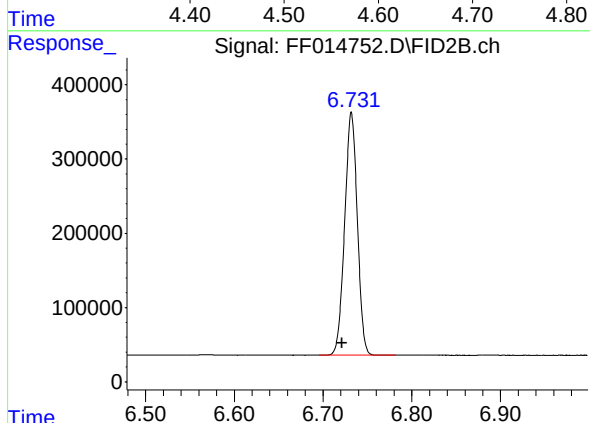
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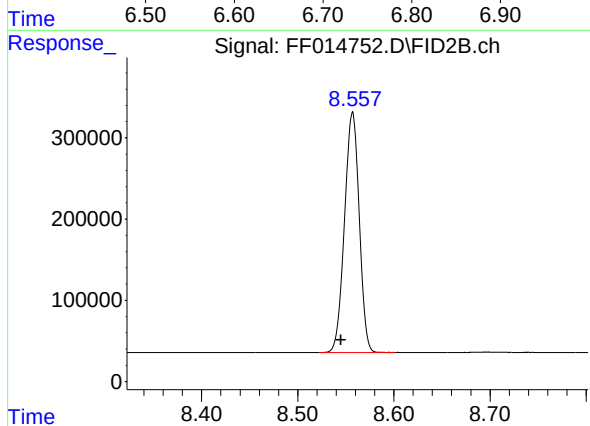
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: 0.010 min
Response: 3117848
Conc: 21.83 ug/ml



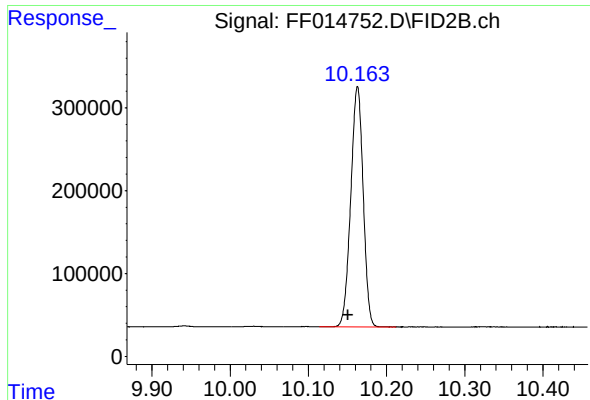
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: 0.011 min
Response: 3240688
Conc: 22.33 ug/ml



#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: 0.012 min
Response: 3158207
Conc: 21.55 ug/ml



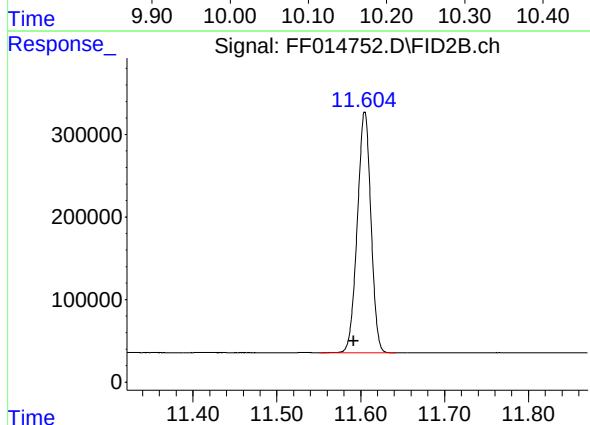
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: 0.012 min
Response: 3197917
Conc: 21.76 ug/ml

Instrument :
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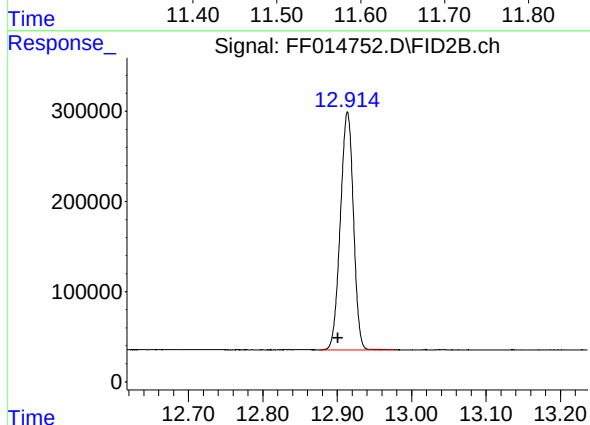
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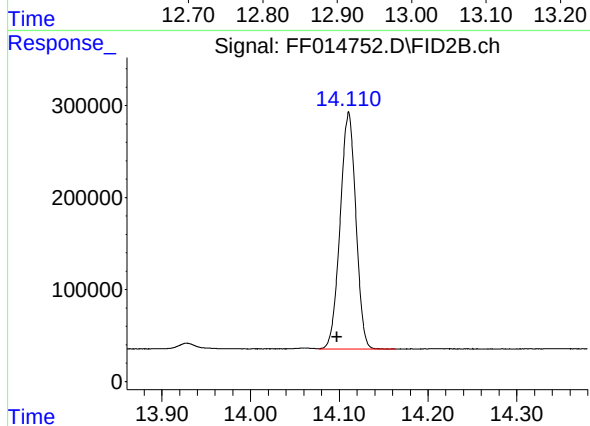
#6 N-OCTADECANE

R.T.: 11.605 min
Delta R.T.: 0.013 min
Response: 3290124
Conc: 21.92 ug/ml



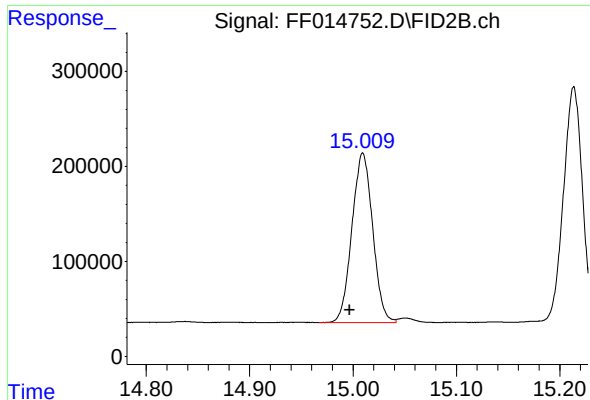
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: 0.013 min
Response: 3223111
Conc: 21.25 ug/ml



#8 N-DOCOSANE

R.T.: 14.110 min
Delta R.T.: 0.013 min
Response: 3171095
Conc: 21.55 ug/ml



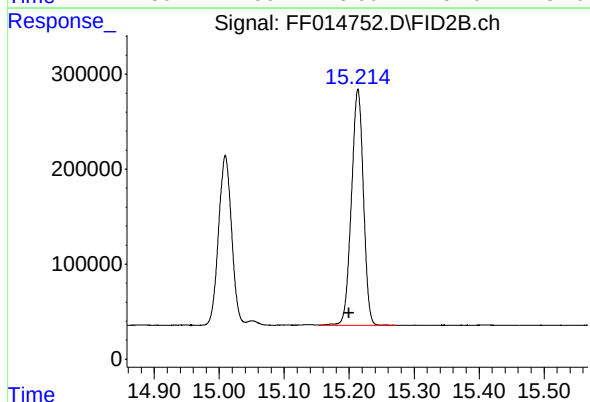
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.010 min
Delta R.T.: 0.013 min
Response: 2490022
Conc: 18.92 ug/ml

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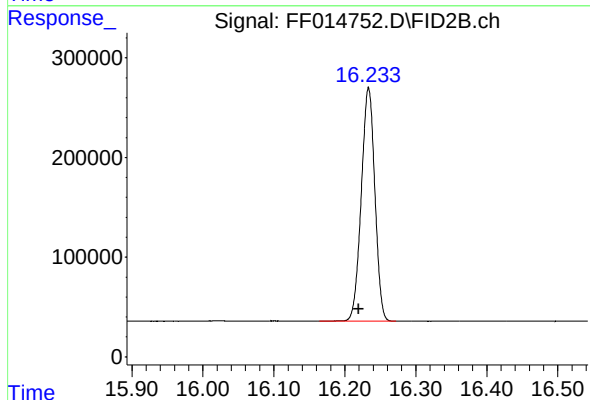
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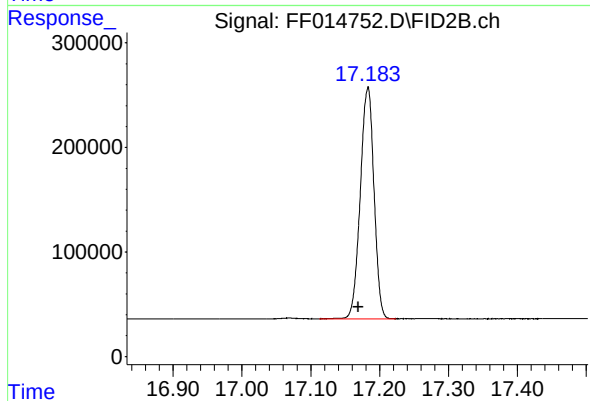
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: 0.014 min
Response: 3177314
Conc: 21.62 ug/ml



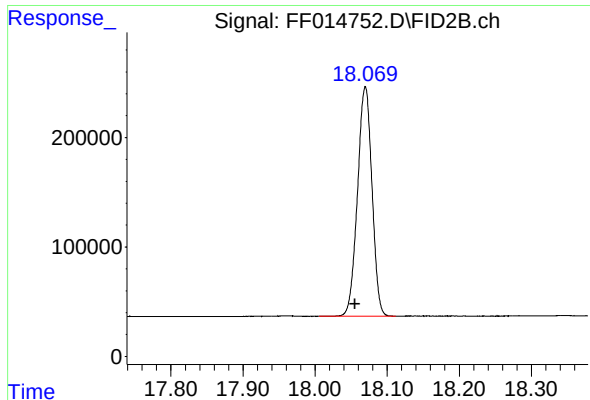
#11 N-HEXACOSANE

R.T.: 16.233 min
Delta R.T.: 0.014 min
Response: 3116354
Conc: 21.34 ug/ml



#12 N-OCTACOSANE

R.T.: 17.183 min
Delta R.T.: 0.014 min
Response: 3065780
Conc: 21.22 ug/ml



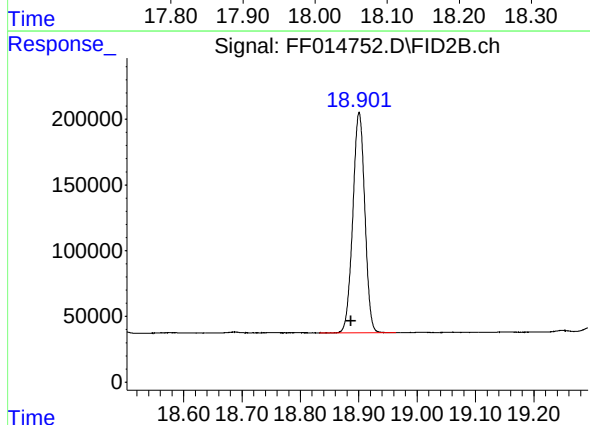
#13 N-TRIACONTANE

R.T.: 18.070 min
Delta R.T.: 0.014 min
Response: 2931465
Conc: 20.02 ug/ml

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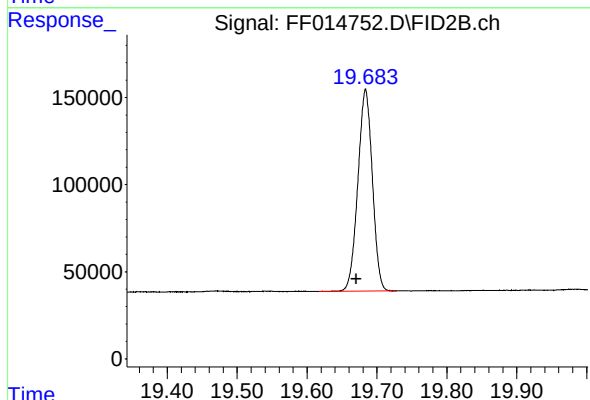
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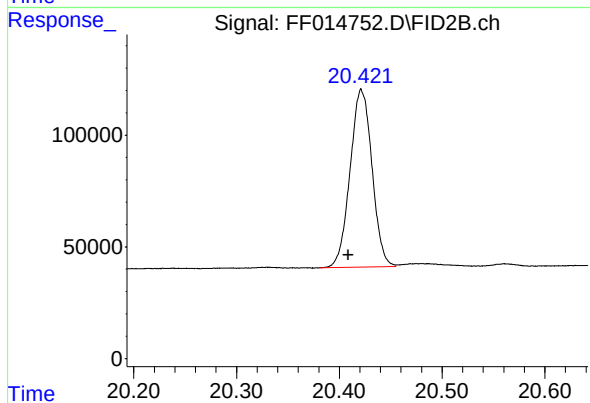
#14 N-DOTRIACONTANE

R.T.: 18.901 min
Delta R.T.: 0.014 min
Response: 2394840
Conc: 16.65 ug/ml



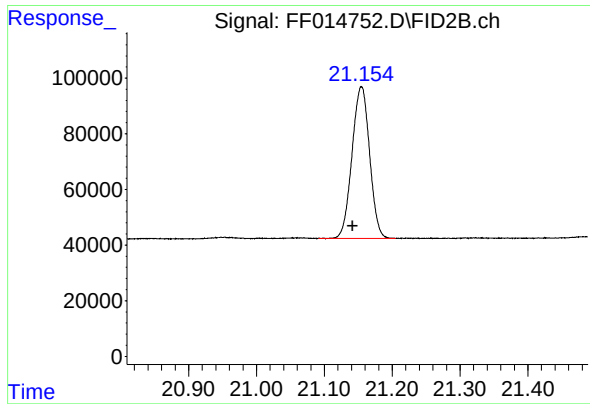
#15 N-TETRATRIACONTANE

R.T.: 19.684 min
Delta R.T.: 0.014 min
Response: 1665146
Conc: 12.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.421 min
Delta R.T.: 0.012 min
Response: 1179357
Conc: 9.09 ug/ml m



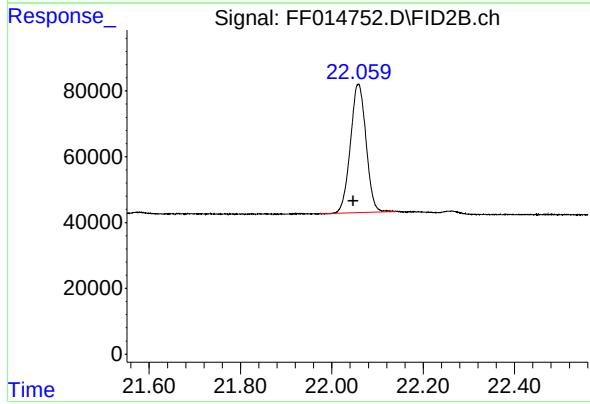
#17 N-OCTATRIACONTANE

R.T.: 21.155 min
Delta R.T.: 0.013 min
Response: 981290
Conc: 8.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.058 min
Delta R.T.: 0.011 min
Response: 924310
Conc: 8.80 ug/ml