

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042522\
 Data File : FF010390.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2022 17:21
 Operator : AJ\MA
 Sample : N2549-03MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 S1MW-04-20220422MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: Sample.e
 Quant Time: Apr 26 01:38:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 2022
 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...	14.613	2173311	18.182 ug/mlm
Target Compounds			
1) N-OCTANE	2.267	1875424	14.311 ug/ml
2) N-DECANE	4.356	2567265	19.310 ug/ml
3) N-DODECANE	6.372	2934743	22.041 ug/ml
4) N-TETRADECANE	8.166	2760414	20.820 ug/mlm
5) N-HEXADECANE	9.766	2792609	21.035 ug/mlm
6) N-OCTADECANE	11.209	3221157	23.428 ug/mlm
7) N-EICOSANE	12.519	2733184	20.343 ug/mlm
8) N-DOCOSANE	13.715	2641283	19.740 ug/mlm
10) N-TETRACOSANE	14.816	2594199	19.373 ug/ml
11) N-HEXACOSANE	15.836	2514190	18.955 ug/mlm
12) N-OCTACOSANE	16.785	2466381	18.608 ug/ml
13) N-TRIACONTANE	17.672	2405864	18.222 ug/ml
14) N-DOTRIACONTANE	18.501	2242627	17.375 ug/ml
15) N-TETRATRIACONTANE	19.283	1936920	16.642 ug/mlm
16) N-HEXATRIACONTANE	20.022	1641164	15.735 ug/mlm
17) N-OCTATRIACONTANE	20.744	1455105	16.287 ug/mlm
18) N-TETRACONTANE	21.620	1477155	16.863 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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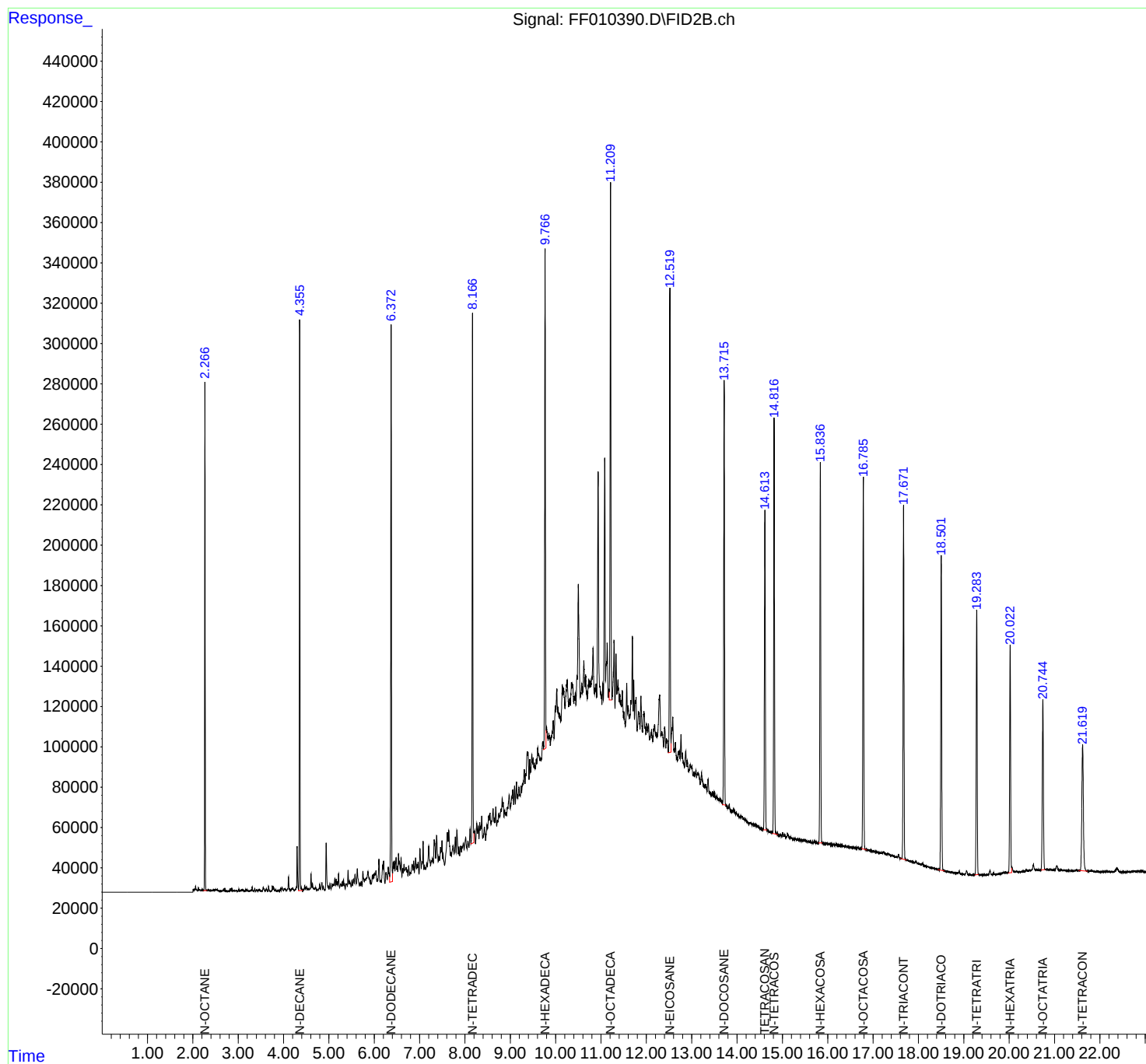
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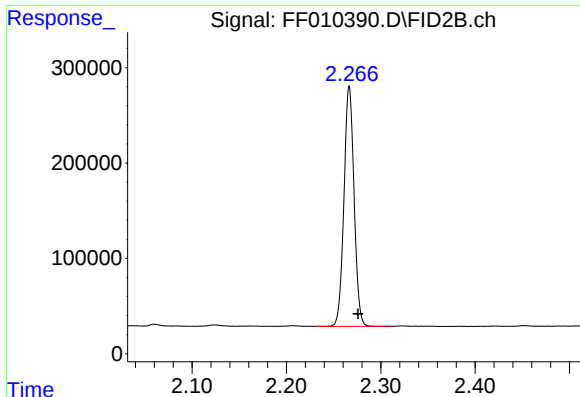
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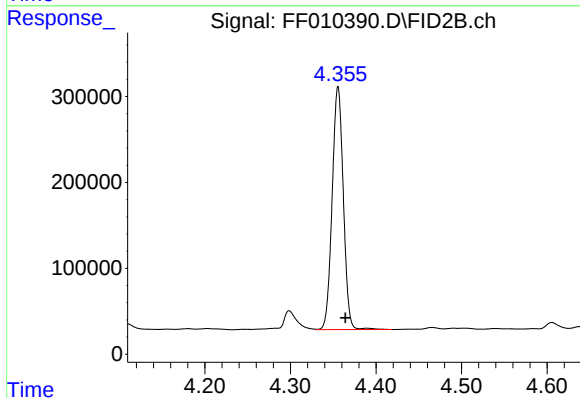
#1 N-OCTANE

R.T.: 2.267 min
Delta R.T.: -0.009 min
Response: 1875424
Conc: 14.31 ug/ml

Instrument :
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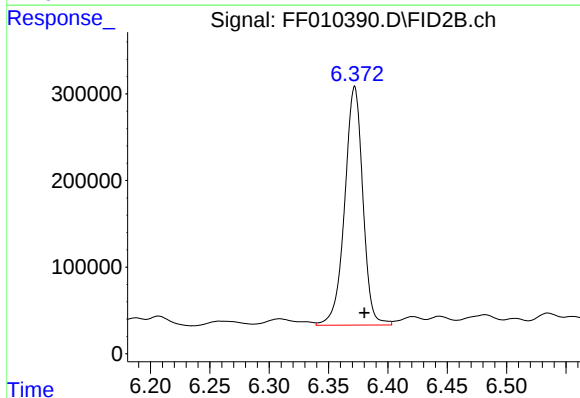
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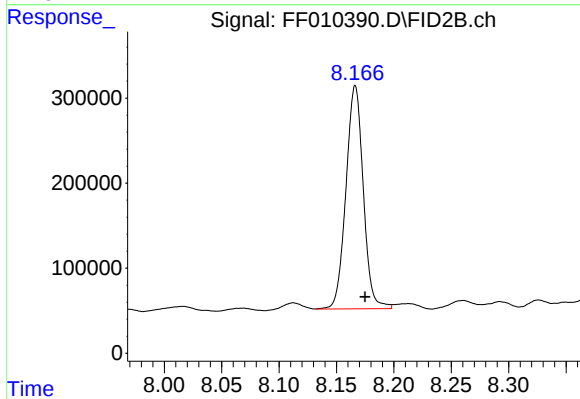
#2 N-DECANE

R.T.: 4.356 min
Delta R.T.: -0.009 min
Response: 2567265
Conc: 19.31 ug/ml



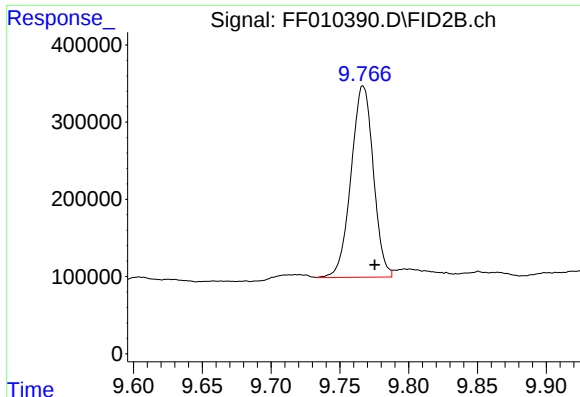
#3 N-DODECANE

R.T.: 6.372 min
Delta R.T.: -0.008 min
Response: 2934743
Conc: 22.04 ug/ml



#4 N-TETRADECANE

R.T.: 8.166 min
Delta R.T.: -0.009 min
Response: 2760414
Conc: 20.82 ug/ml m



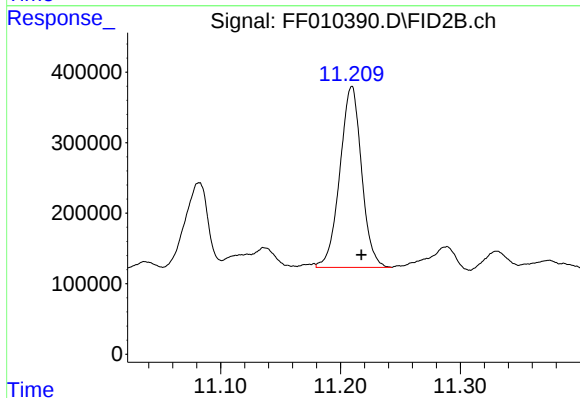
#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: -0.009 min
Response: 2792609
Conc: 21.04 ug/ml

Instrument :
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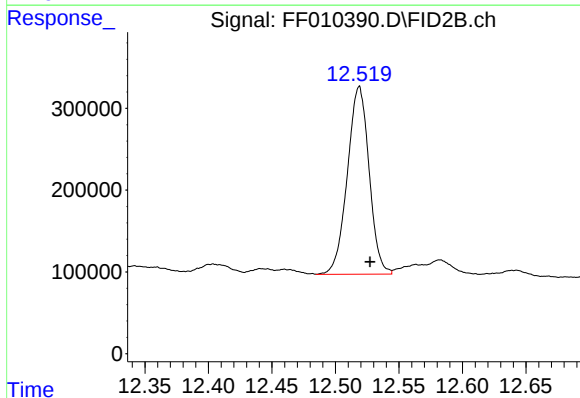
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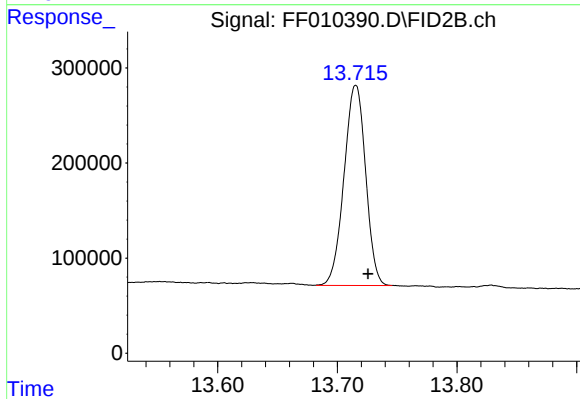
#6 N-OCTADECANE

R.T.: 11.209 min
Delta R.T.: -0.008 min
Response: 3221157
Conc: 23.43 ug/ml m



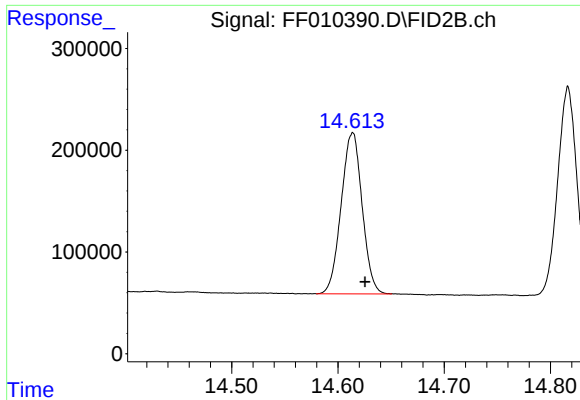
#7 N-EICOSANE

R.T.: 12.519 min
Delta R.T.: -0.008 min
Response: 2733184
Conc: 20.34 ug/ml m



#8 N-DOCOSANE

R.T.: 13.715 min
Delta R.T.: -0.010 min
Response: 2641283
Conc: 19.74 ug/ml m



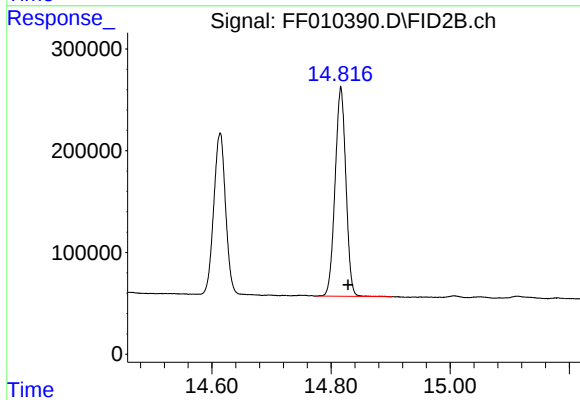
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.613 min
Delta R.T.: -0.012 min
Response: 2173311
Conc: 18.18 ug/ml

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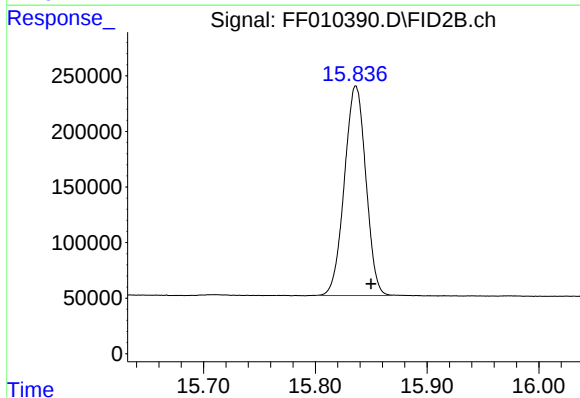
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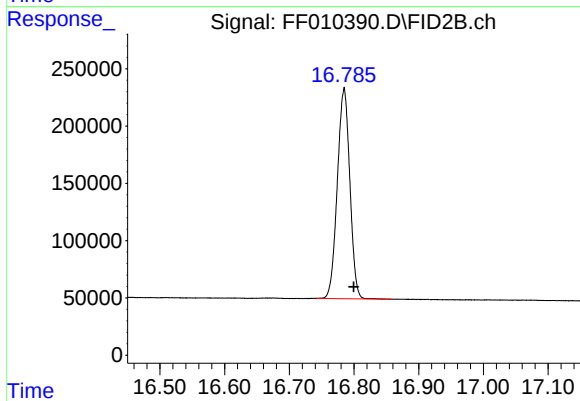
#10 N-TETRACOSANE

R.T.: 14.816 min
Delta R.T.: -0.012 min
Response: 2594199
Conc: 19.37 ug/ml



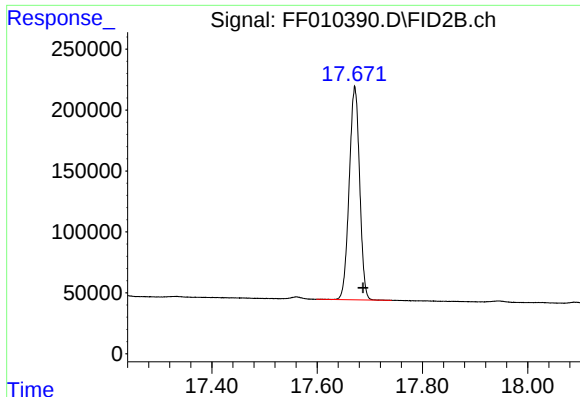
#11 N-HEXACOSANE

R.T.: 15.836 min
Delta R.T.: -0.014 min
Response: 2514190
Conc: 18.96 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.785 min
Delta R.T.: -0.015 min
Response: 2466381
Conc: 18.61 ug/ml



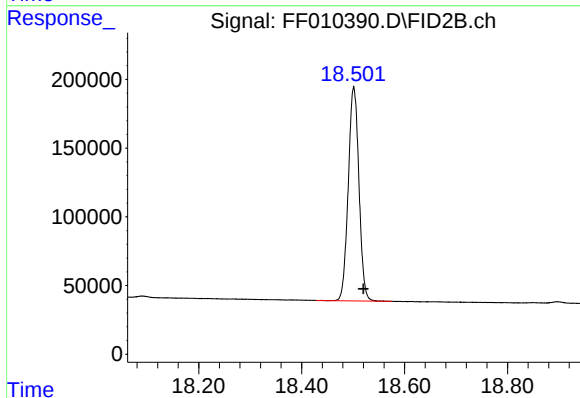
#13 N-TRIACONTANE

R.T.: 17.672 min
Delta R.T.: -0.016 min
Response: 2405864
Conc: 18.22 ug/ml

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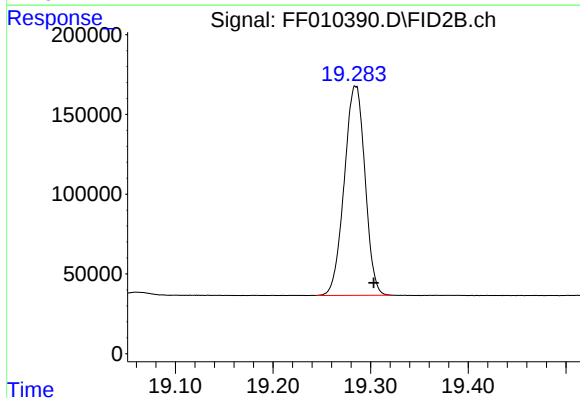
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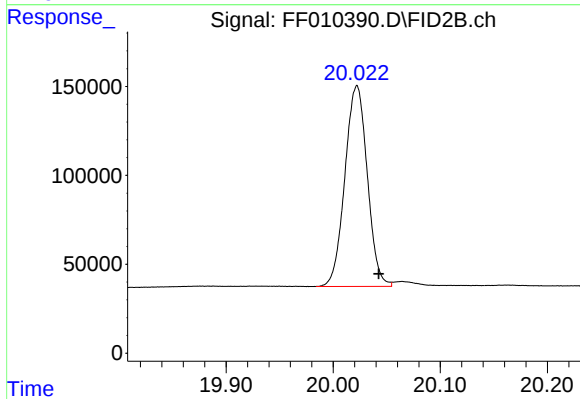
#14 N-DOTRIACONTANE

R.T.: 18.501 min
Delta R.T.: -0.019 min
Response: 2242627
Conc: 17.37 ug/ml



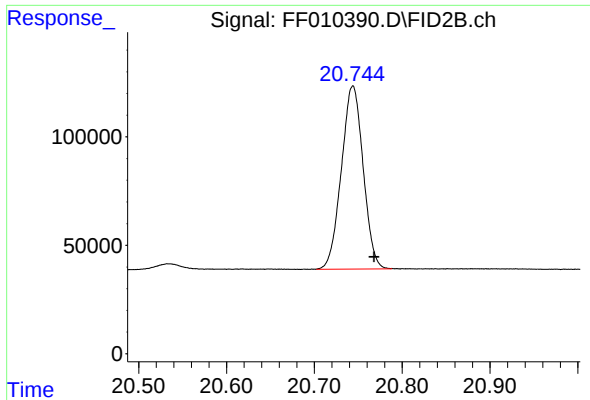
#15 N-TETRATRIACONTANE

R.T.: 19.283 min
Delta R.T.: -0.020 min
Response: 1936920
Conc: 16.64 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.022 min
Delta R.T.: -0.020 min
Response: 1641164
Conc: 15.73 ug/ml m



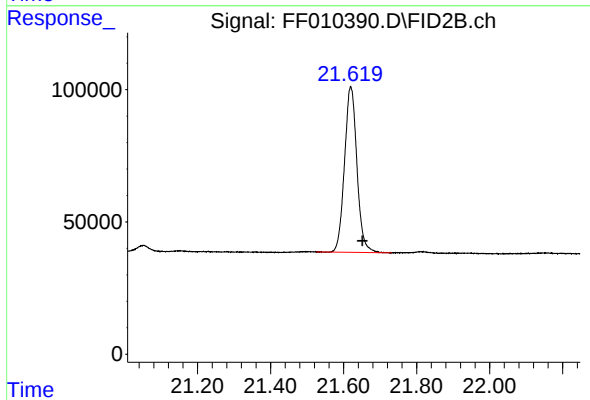
#17 N-OCTATRIACONTANE

R.T.: 20.744 min
Delta R.T.: -0.024 min
Response: 1455105
Conc: 16.29 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.620 min
Delta R.T.: -0.032 min
Response: 1477155
Conc: 16.86 ug/ml