

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF033023\
 Data File : FF012376.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 14:18
 Operator : YP\AJ
 Sample : 02126-06MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 RS-FMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2023
 Supervised By :mohammad ahmed 03/31/2023

Integration File: autoint1.e
 Quant Time: Mar 30 17:26:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 2023
 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...	15.021	1582172	14.138 ug/ml
Target Compounds			
1) N-OCTANE	2.071	1665197	13.131 ug/ml
2) N-DECANE	4.587	1920787	15.342 ug/ml
3) N-DODECANE	6.749	1975127	15.932 ug/ml
4) N-TETRADECANE	8.573	1969172	15.112 ug/ml
5) N-HEXADECANE	10.178	2157551	16.169 ug/ml
6) N-OCTADECANE	11.619	2197713	16.361 ug/ml
7) N-EICOSANE	12.927	2518930	18.935 ug/ml
8) N-DOCOSANE	14.123	2317109	18.234 ug/ml
10) N-TETRACOSANE	15.221	4397871	35.265 ug/ml
11) N-HEXACOSANE	16.245	2178247	18.192 ug/ml
12) N-OCTACOSANE	17.193	2121271	18.441 ug/ml
13) N-TRIACONTANE	18.079	2348618	21.344 ug/ml
14) N-DOTRIACONTANE	18.911	2841737	27.381 ug/ml
15) N-TETRATRIACONTANE	19.693	2160561	22.837 ug/ml
16) N-HEXATRIACONTANE	20.433	2285965	26.092 ug/mlm
17) N-OCTATRIACONTANE	21.167	2234813	26.991 ug/mlm
18) N-TETRACONTANE	22.075	2471059	30.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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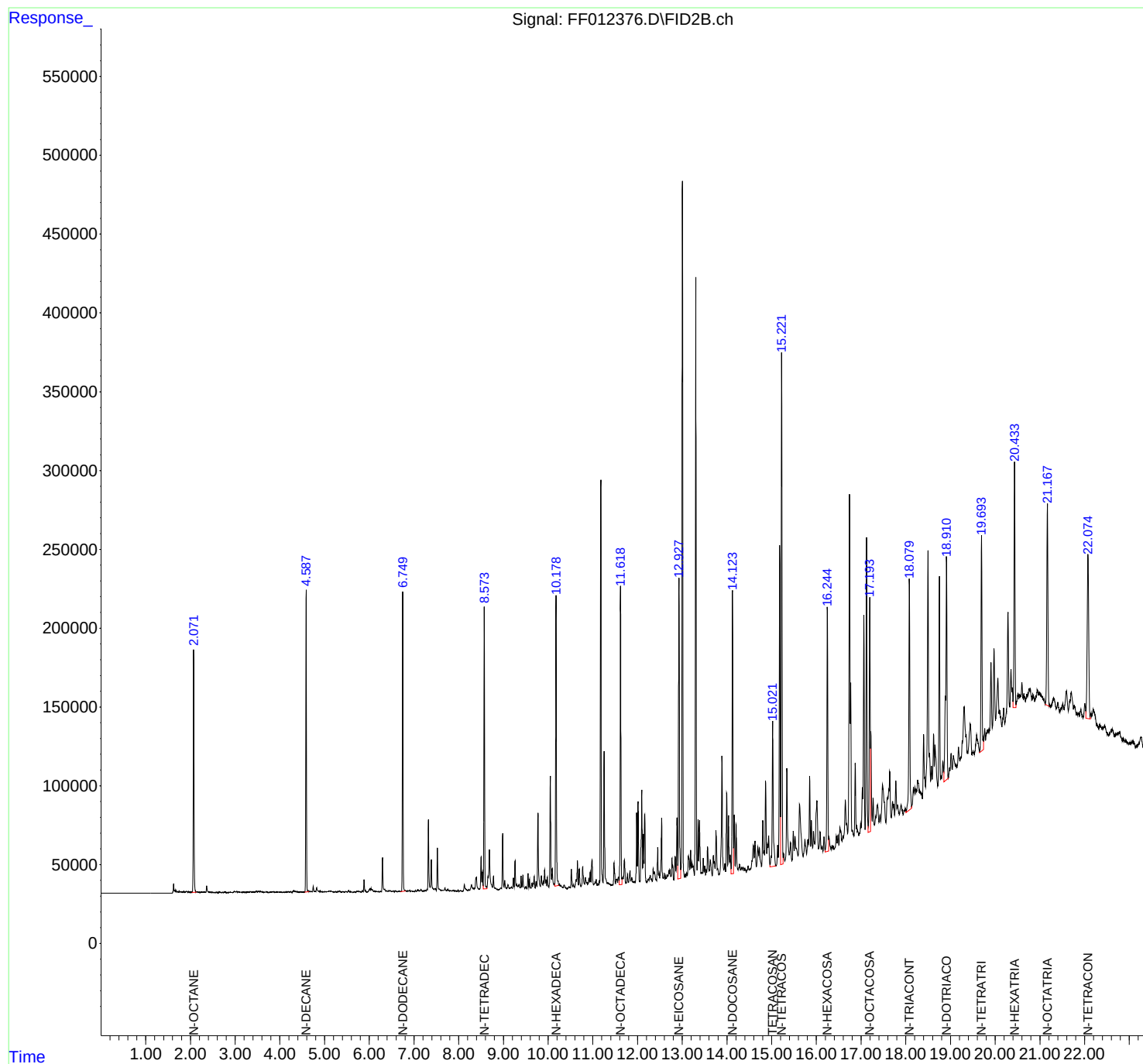
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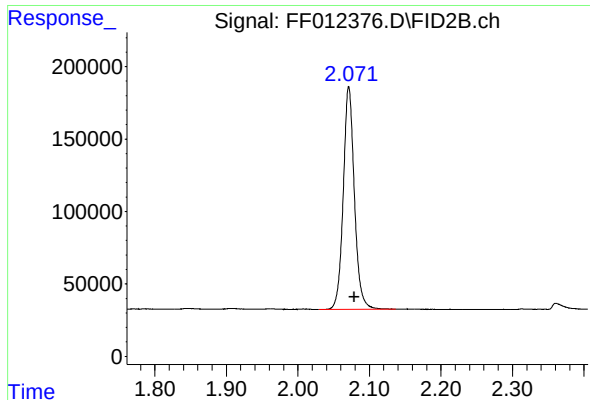
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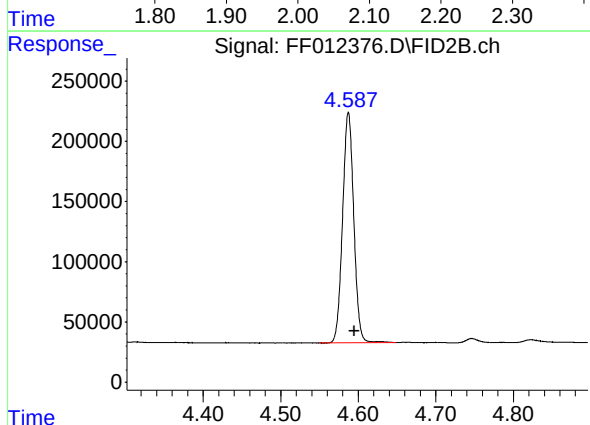
#1 N-OCTANE

R.T.: 2.071 min
Delta R.T.: -0.008 min
Response: 1665197
Conc: 13.13 ug/ml

Instrument :
FID_F
ClientSampleId :
RS-FMS

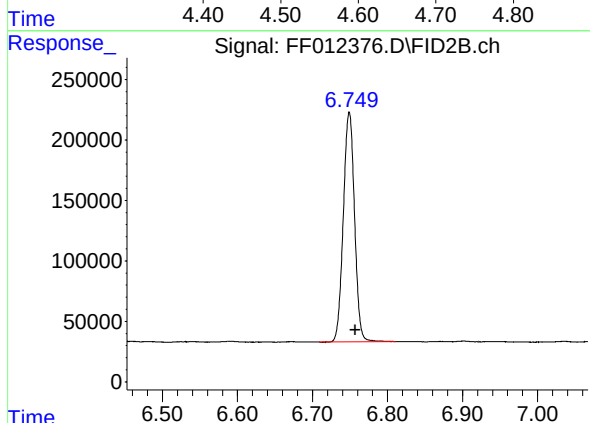
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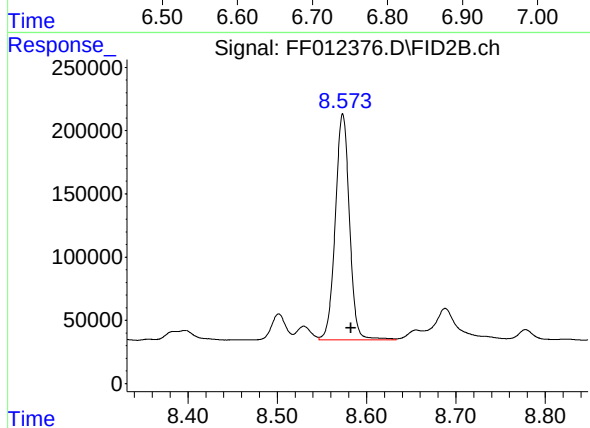
#2 N-DECANE

R.T.: 4.587 min
Delta R.T.: -0.007 min
Response: 1920787
Conc: 15.34 ug/ml



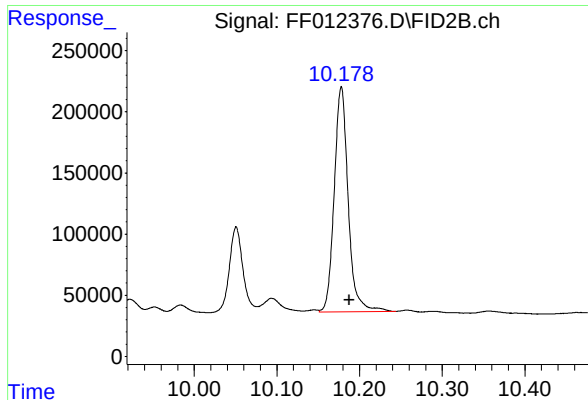
#3 N-DODECANE

R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 1975127
Conc: 15.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 1969172
Conc: 15.11 ug/ml



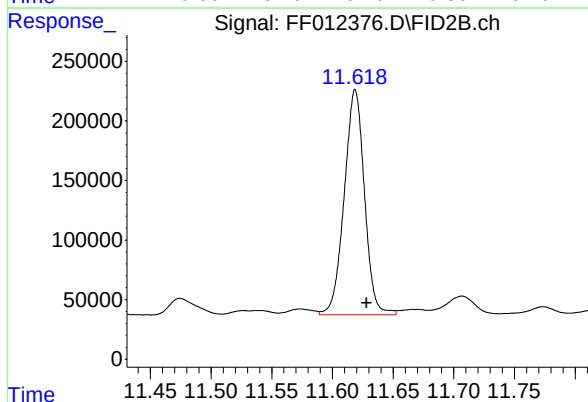
#5 N-HEXADECANE

R.T.: 10.178 min
Delta R.T.: -0.010 min
Response: 2157551
Conc: 16.17 ug/ml

Instrument :
FID_F
ClientSampleId :
RS-FMS

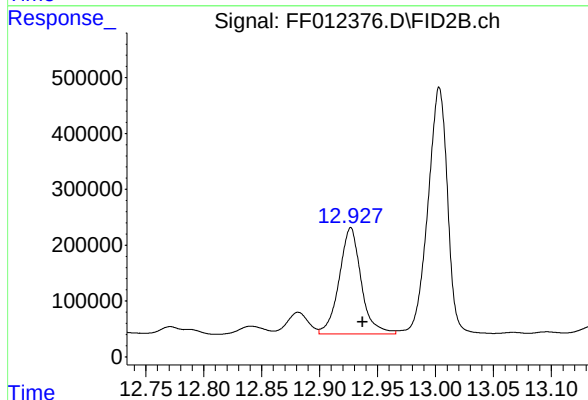
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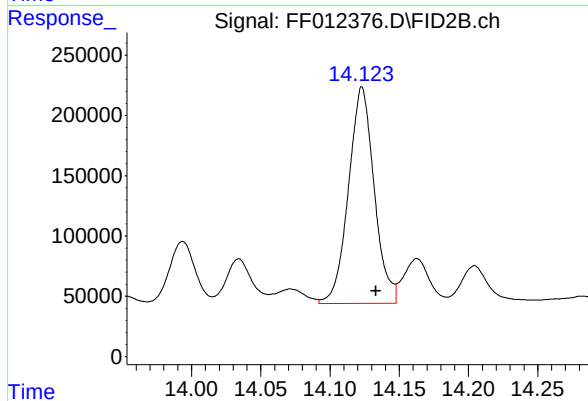
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.009 min
Response: 2197713
Conc: 16.36 ug/ml



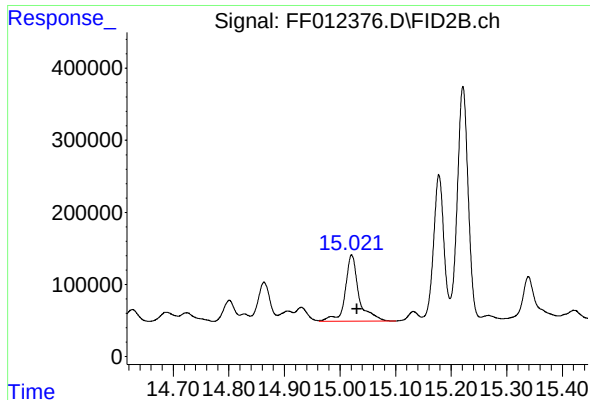
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: -0.010 min
Response: 2518930
Conc: 18.94 ug/ml



#8 N-DOCOSANE

R.T.: 14.123 min
Delta R.T.: -0.010 min
Response: 2317109
Conc: 18.23 ug/ml



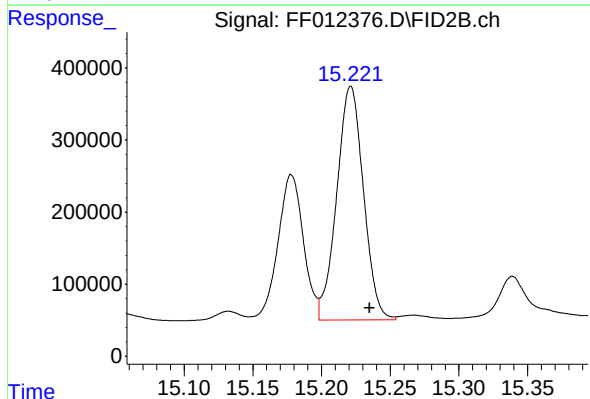
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.021 min
Delta R.T.: -0.009 min
Response: 1582172
Conc: 14.14 ug/ml

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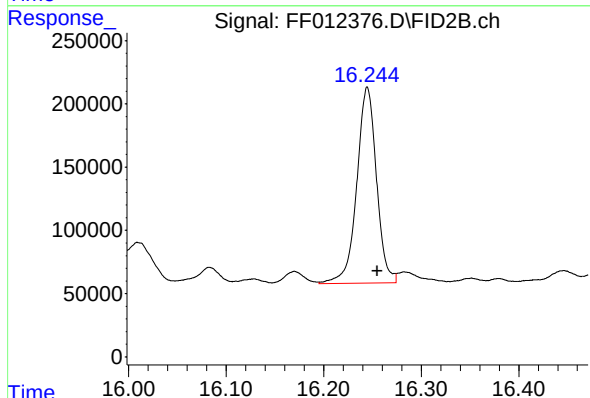
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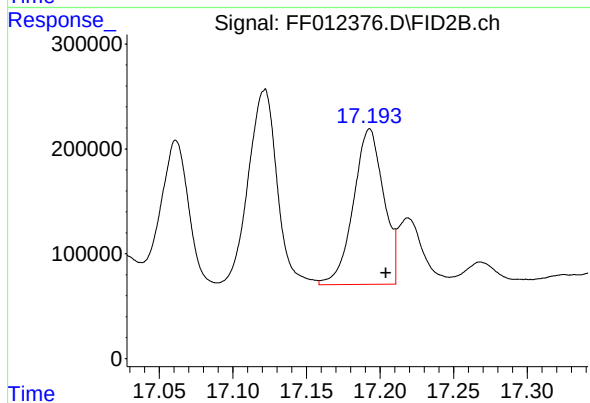
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.014 min
Response: 4397871
Conc: 35.26 ug/ml



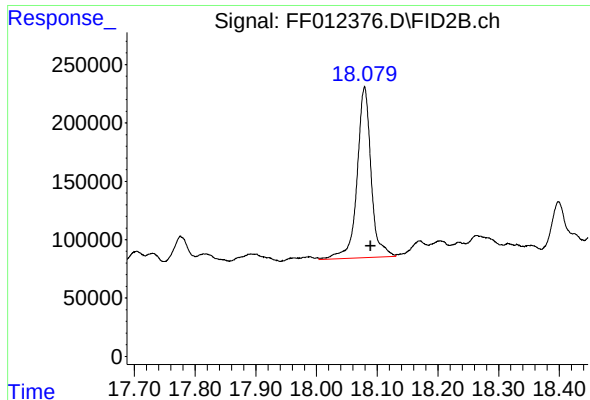
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.010 min
Response: 2178247
Conc: 18.19 ug/ml



#12 N-OCTACOSANE

R.T.: 17.193 min
Delta R.T.: -0.011 min
Response: 2121271
Conc: 18.44 ug/ml



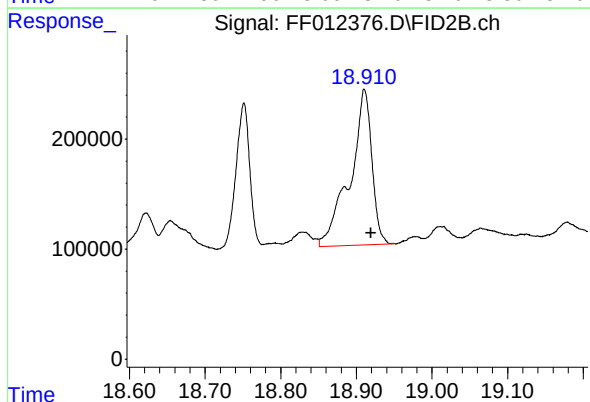
#13 N-TRIACONTANE

R.T.: 18.079 min
Delta R.T.: -0.010 min
Response: 2348618
Conc: 21.34 ug/ml

Instrument :
FID_F
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RS-FMS

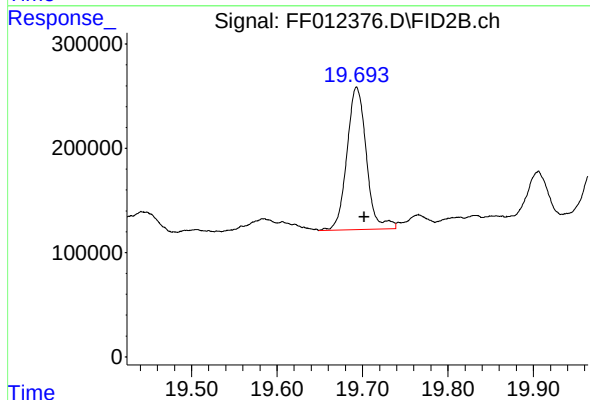
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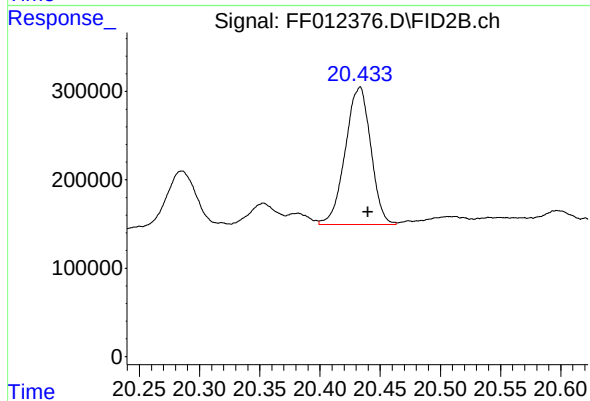
#14 N-DOTRIACONTANE

R.T.: 18.911 min
Delta R.T.: -0.009 min
Response: 2841737
Conc: 27.38 ug/ml



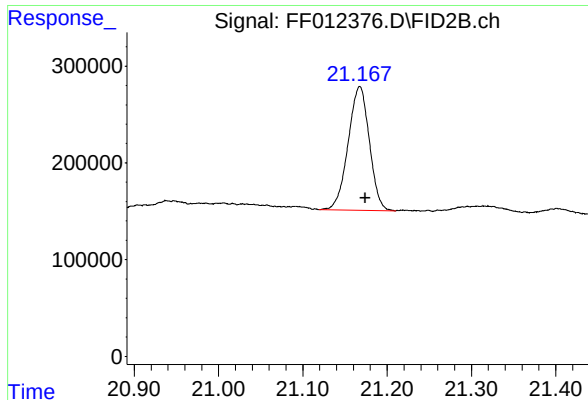
#15 N-TETRATRIACONTANE

R.T.: 19.693 min
Delta R.T.: -0.009 min
Response: 2160561
Conc: 22.84 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.433 min
Delta R.T.: -0.007 min
Response: 2285965
Conc: 26.09 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.167 min
Delta R.T.: -0.007 min
Response: 2234813
Conc: 26.99 ug/ml

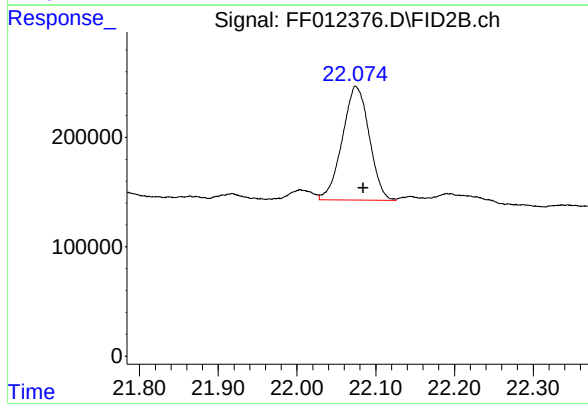
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ahmed

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#18 N-TETRACONTANE

R.T.: 22.075 min
Delta R.T.: -0.009 min
Response: 2471059
Conc: 30.25 ug/ml