

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035398.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2022 10:22
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File: Sample.e
 Quant Time: Mar 18 23:50:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.445	4383109	48.950 ug/ml
Target Compounds			
1) N-OCTANE	2.181	5282233	45.870 ug/ml
2) N-DECANE	4.234	5225099	46.267 ug/mlm
3) N-DODECANE	6.243	5202526	47.008 ug/ml
4) N-TETRADECANE	8.027	5381294	47.017 ug/mlm
5) N-HEXADECANE	9.621	5359511	47.360 ug/ml
6) N-OCTADECANE	11.055	5443005	47.980 ug/ml
7) N-EICOSANE	12.358	5216513	48.318 ug/ml
8) N-DOCOSANE	13.550	5052346	48.327 ug/ml
10) N-TETRACOSANE	14.647	4945400	48.880 ug/ml
11) N-HEXACOSANE	15.664	4772438	48.948 ug/ml
12) N-OCTACOSANE	16.607	4611450	49.143 ug/ml
13) N-TRIACONTANE	17.490	4459479	49.233 ug/ml
14) N-DOTRIACONTANE	18.320	4351456	49.509 ug/ml
15) N-TETRATRIACONTANE	19.099	4292637	50.093 ug/ml
16) N-HEXATRIACONTANE	19.835	4051090	51.263 ug/ml
17) N-OCTATRIACONTANE	20.535	3729313	52.463 ug/ml
18) N-TETRACONTANE	21.348	3689706	53.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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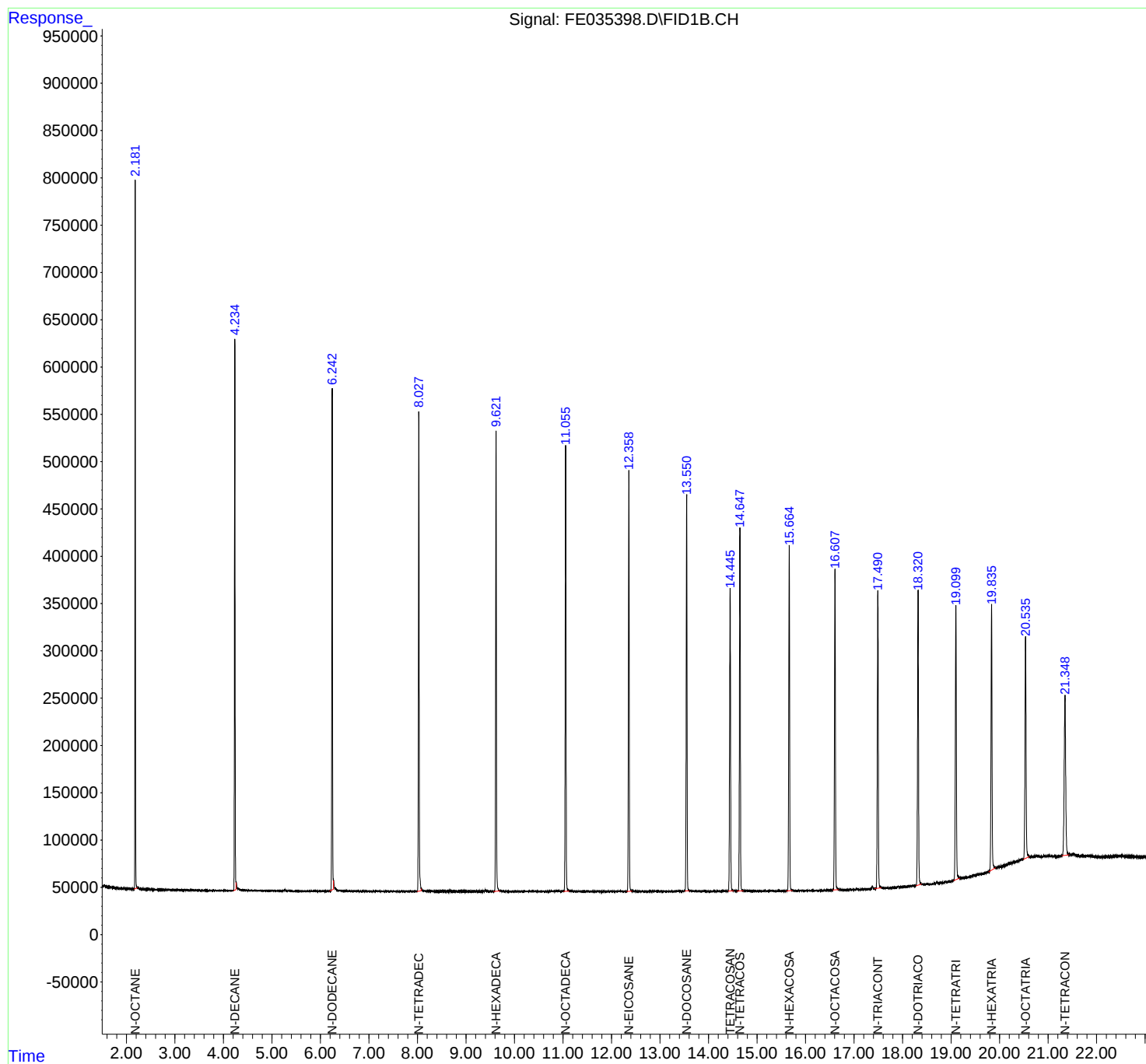
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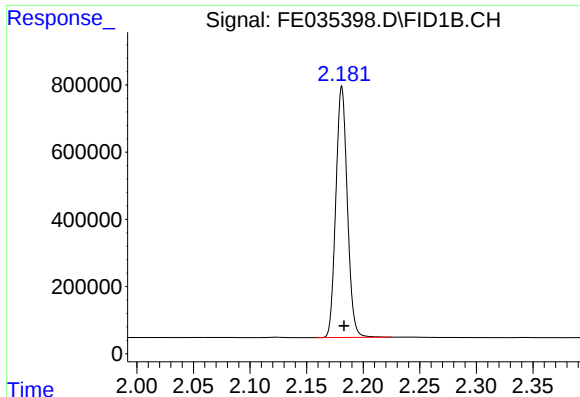
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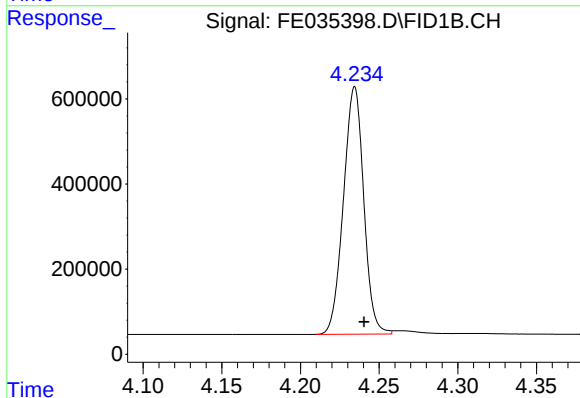
#1 N-OCTANE

R.T.: 2.181 min
Delta R.T.: -0.002 min
Response: 5282233
Conc: 45.87 ug/ml

Instrument :
FID_E
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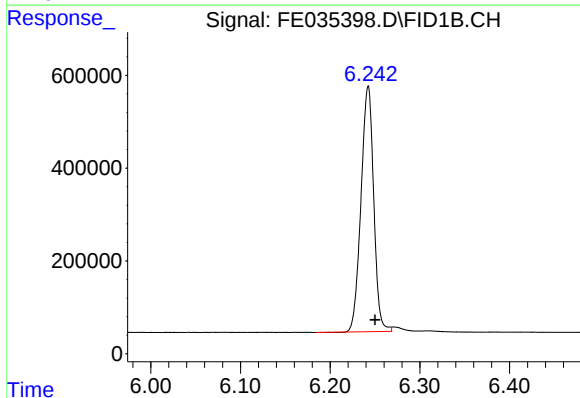
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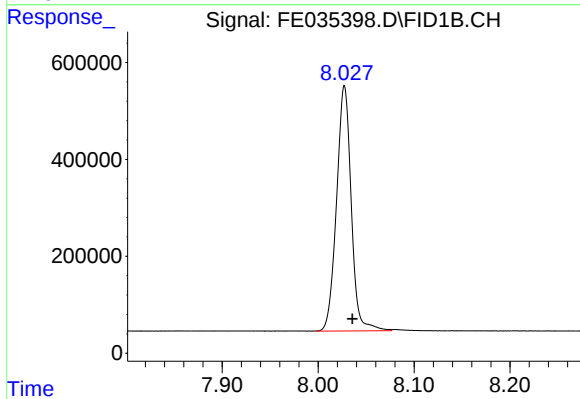
#2 N-DECANE

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 5225099
Conc: 46.27 ug/ml m



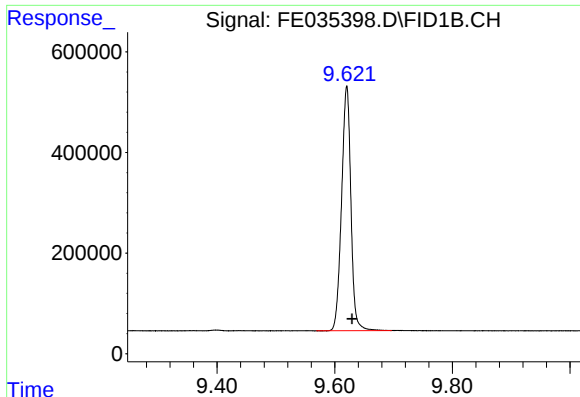
#3 N-DODECANE

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 5202526
Conc: 47.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.027 min
Delta R.T.: -0.009 min
Response: 5381294
Conc: 47.02 ug/ml m



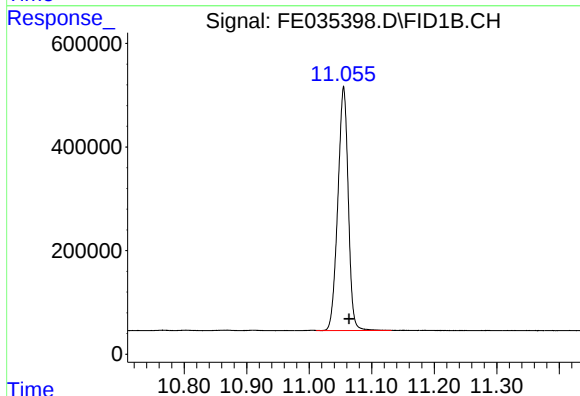
#5 N-HEXADECANE

R.T.: 9.621 min
Delta R.T.: -0.009 min
Response: 5359511
Conc: 47.36 ug/ml

Instrument :
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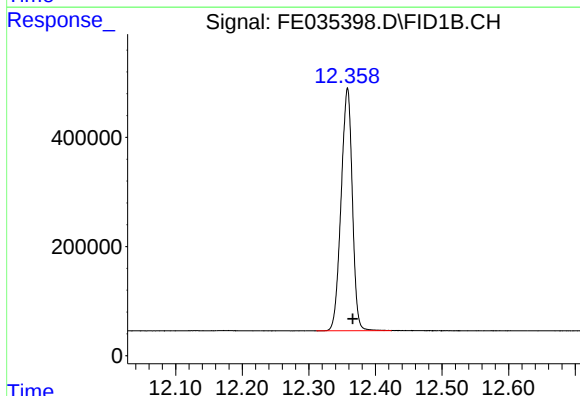
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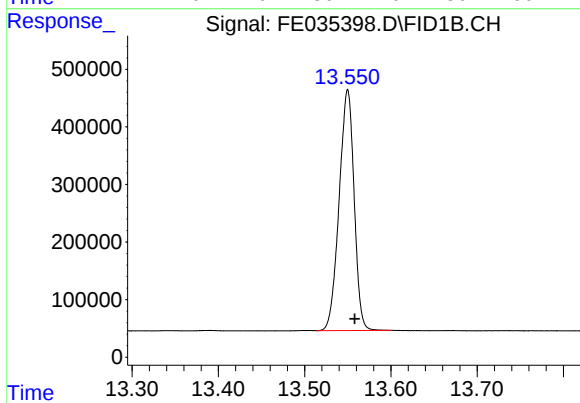
#6 N-OCTADECANE

R.T.: 11.055 min
Delta R.T.: -0.008 min
Response: 5443005
Conc: 47.98 ug/ml



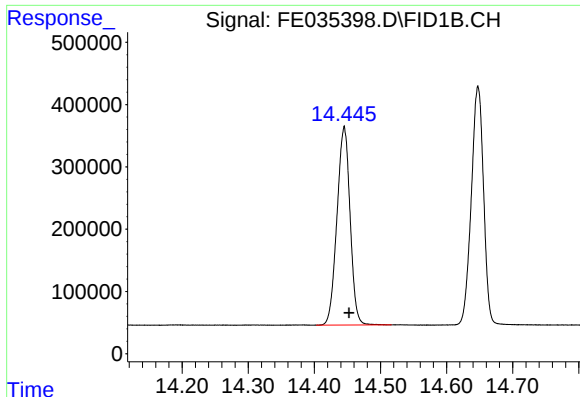
#7 N-EICOSANE

R.T.: 12.358 min
Delta R.T.: -0.008 min
Response: 5216513
Conc: 48.32 ug/ml



#8 N-DOCOSANE

R.T.: 13.550 min
Delta R.T.: -0.008 min
Response: 5052346
Conc: 48.33 ug/ml



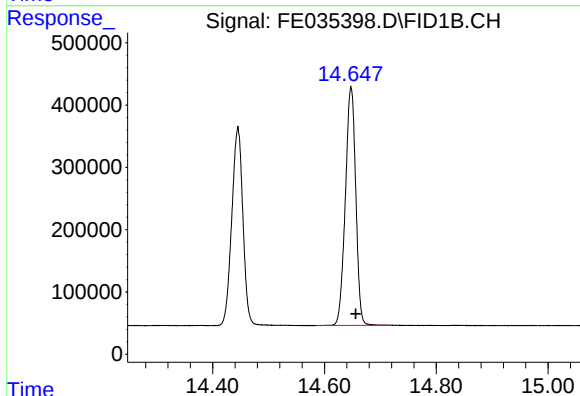
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.445 min
Delta R.T.: -0.007 min
Response: 4383109
Conc: 48.95 ug/ml

Instrument :
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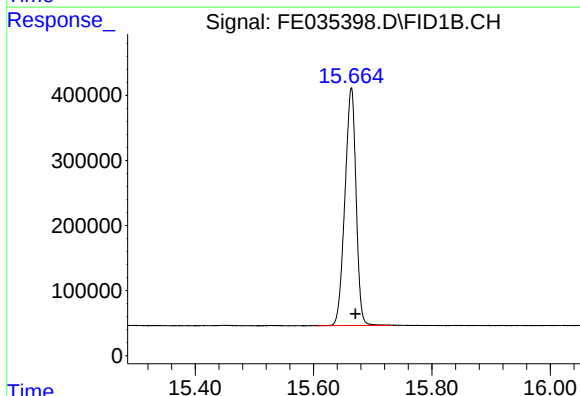
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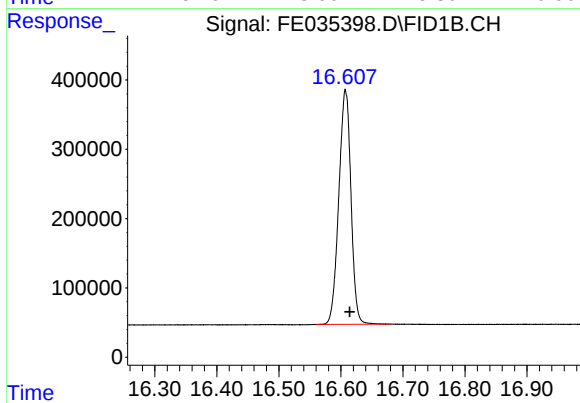
#10 N-TETRACOSANE

R.T.: 14.647 min
Delta R.T.: -0.008 min
Response: 4945400
Conc: 48.88 ug/ml



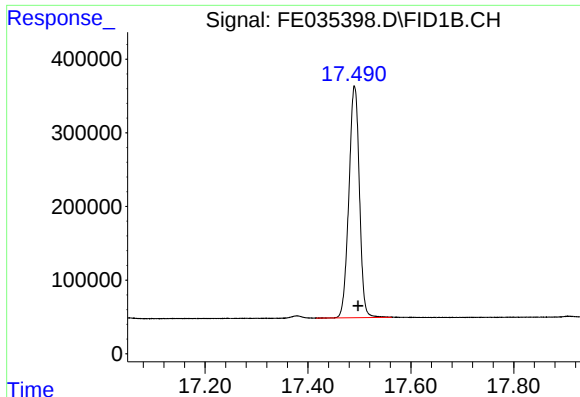
#11 N-HEXACOSANE

R.T.: 15.664 min
Delta R.T.: -0.007 min
Response: 4772438
Conc: 48.95 ug/ml



#12 N-OCTACOSANE

R.T.: 16.607 min
Delta R.T.: -0.007 min
Response: 4611450
Conc: 49.14 ug/ml



#13 N-TRIACONTANE

R.T.: 17.490 min
Delta R.T.: -0.008 min
Response: 4459479
Conc: 49.23 ug/ml

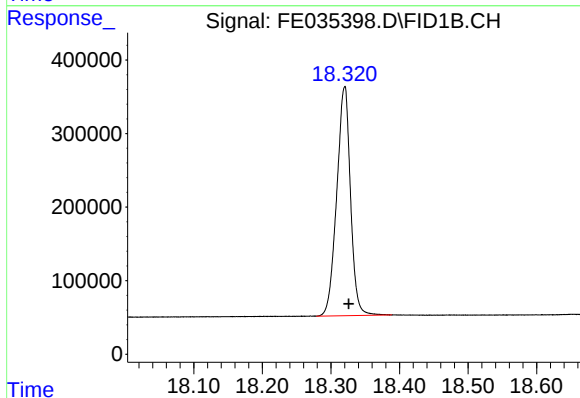
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

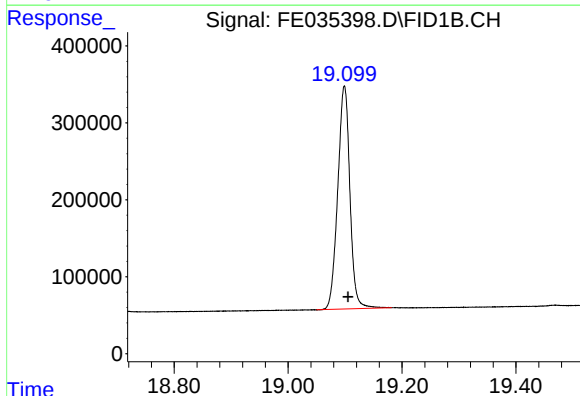
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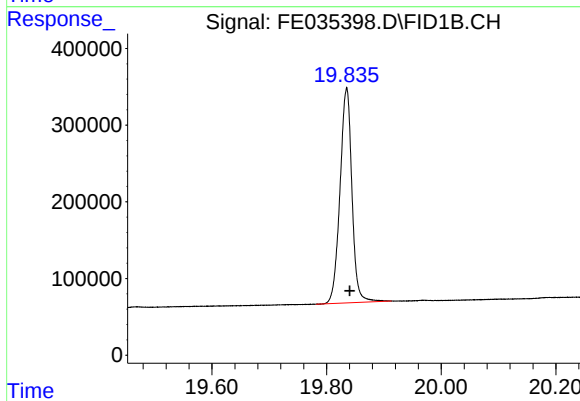
#14 N-DOTRIACONTANE

R.T.: 18.320 min
Delta R.T.: -0.006 min
Response: 4351456
Conc: 49.51 ug/ml



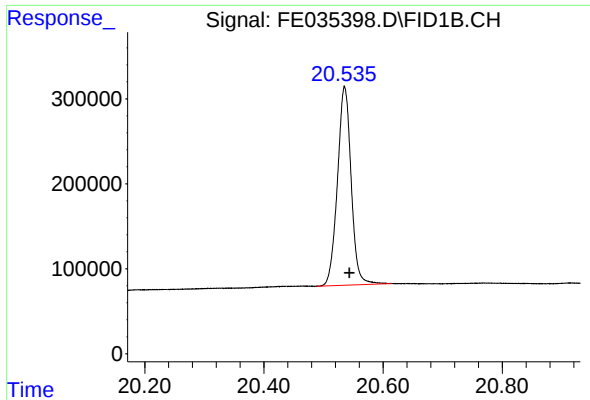
#15 N-TETRATRIACONTANE

R.T.: 19.099 min
Delta R.T.: -0.007 min
Response: 4292637
Conc: 50.09 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.835 min
Delta R.T.: -0.005 min
Response: 4051090
Conc: 51.26 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.535 min
Delta R.T.: -0.008 min
Response: 3729313
Conc: 52.46 ug/ml

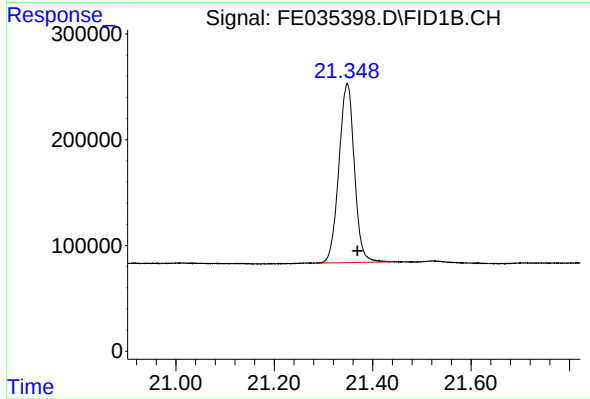
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#18 N-TETRACONTANE

R.T.: 21.348 min
Delta R.T.: -0.021 min
Response: 3689706
Conc: 53.66 ug/ml