

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032122\
 Data File : FE035490.D
 Signal(s) : FID1B.CH
 Acq On : 22 Mar 2022 5:18
 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 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File: Sample.e
 Quant Time: Mar 22 06:03:36 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...	14.456	5259245	58.735 ug/ml
Target Compounds			
1) N-OCTANE	2.165	4456258	38.697 ug/ml
2) N-DECANE	4.232	4980331	44.100 ug/ml
3) N-DODECANE	6.244	5541476	50.070 ug/ml
4) N-TETRADECANE	8.032	6004010	52.457 ug/ml
5) N-HEXADECANE	9.627	6267707	55.385 ug/ml
6) N-OCTADECANE	11.063	6569140	57.907 ug/ml
7) N-EICOSANE	12.367	6393331	59.219 ug/ml
8) N-DOCOSANE	13.560	6183499	59.147 ug/ml
10) N-TETRACOSANE	14.659	5886645	58.183 ug/ml
11) N-HEXACOSANE	15.675	5398065	55.365 ug/ml
12) N-OCTACOSANE	16.620	4939334	52.637 ug/ml
13) N-TRIACONTANE	17.504	4650777	51.345 ug/ml
14) N-DOTRIACONTANE	18.334	4539602	51.649 ug/ml
15) N-TETRATRIACONTANE	19.114	4551516	53.114 ug/mlm
16) N-HEXATRIACONTANE	19.849	4229934	53.526 ug/mlm
17) N-OCTATRIACONTANE	20.553	3870208	54.445 ug/mlm
18) N-TETRACONTANE	21.372	3690213	53.663 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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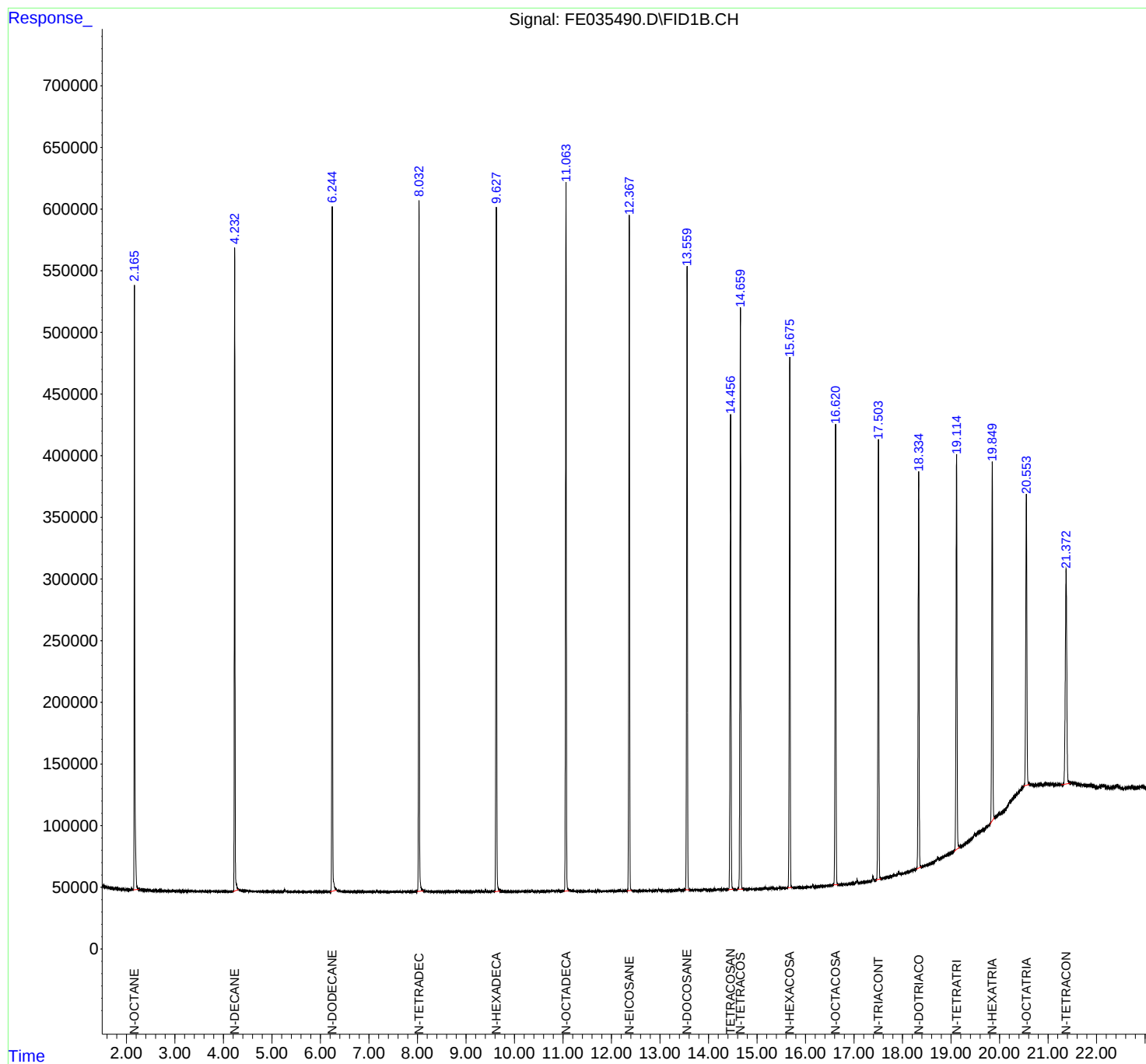
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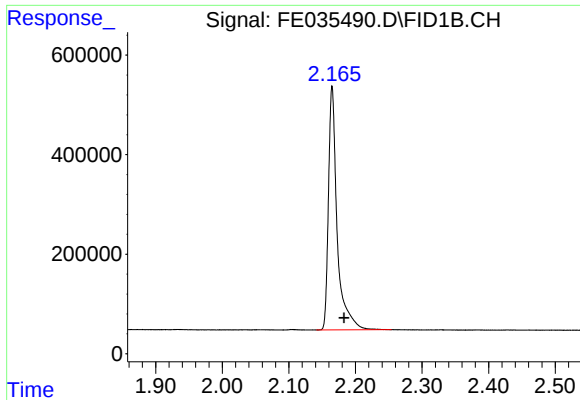
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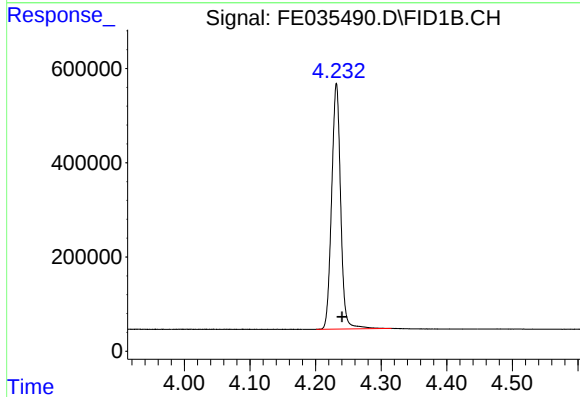
#1 N-OCTANE

R.T.: 2.165 min
Delta R.T.: -0.018 min
Response: 4456258
Conc: 38.70 ug/ml

Instrument :
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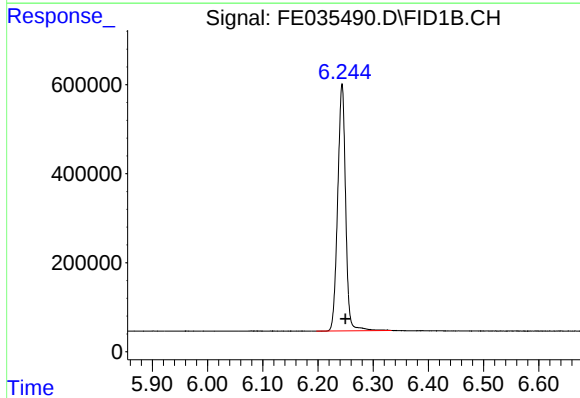
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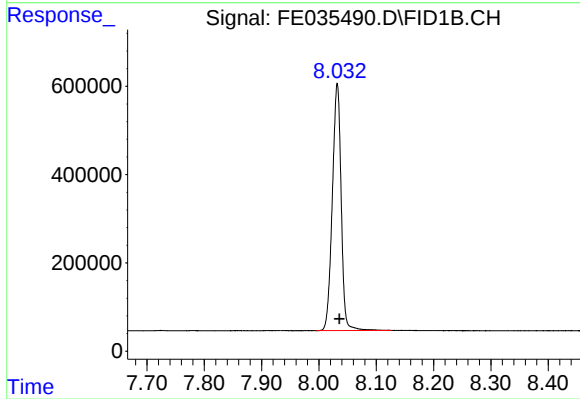
#2 N-DECANE

R.T.: 4.232 min
Delta R.T.: -0.008 min
Response: 4980331
Conc: 44.10 ug/ml



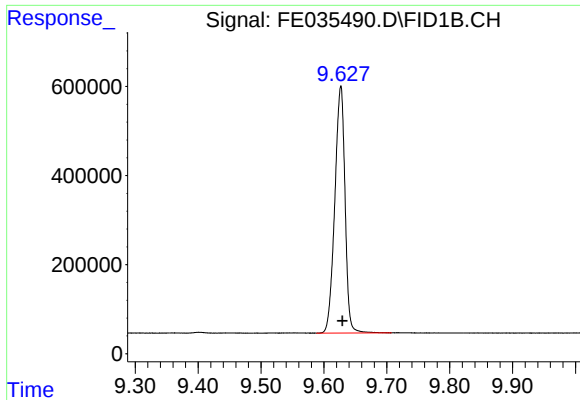
#3 N-DODECANE

R.T.: 6.244 min
Delta R.T.: -0.006 min
Response: 5541476
Conc: 50.07 ug/ml



#4 N-TETRADECANE

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 6004010
Conc: 52.46 ug/ml



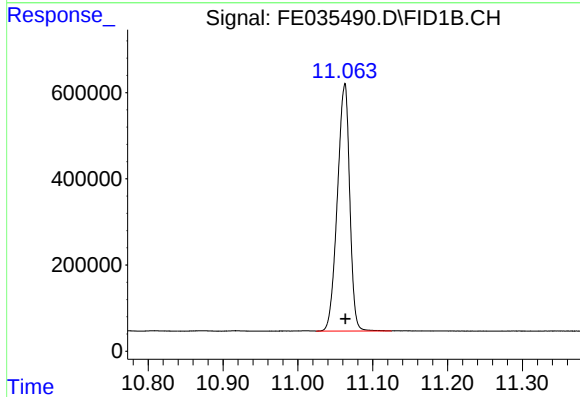
#5 N-HEXADECANE

R.T.: 9.627 min
Delta R.T.: -0.002 min
Response: 6267707
Conc: 55.39 ug/ml

Instrument :
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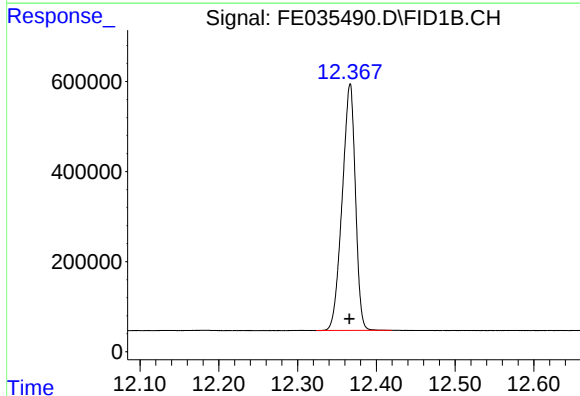
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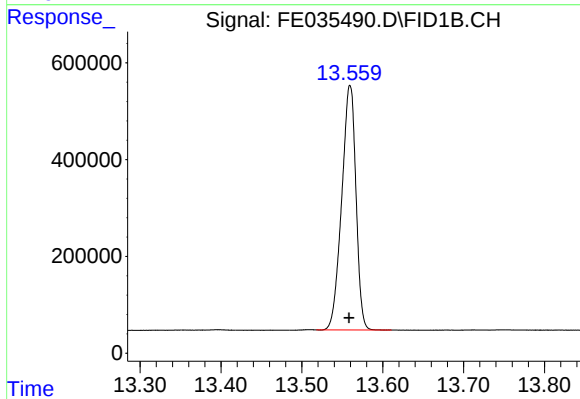
#6 N-OCTADECANE

R.T.: 11.063 min
Delta R.T.: 0.000 min
Response: 6569140
Conc: 57.91 ug/ml



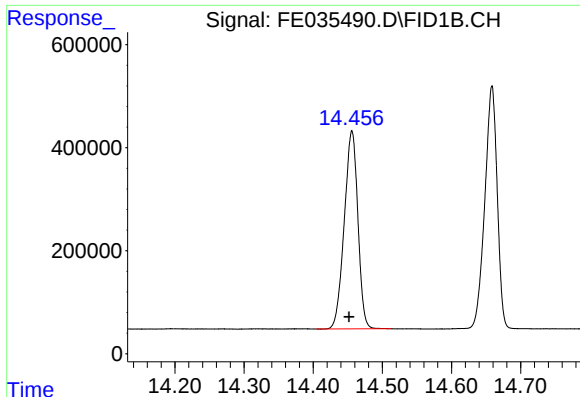
#7 N-EICOSANE

R.T.: 12.367 min
Delta R.T.: 0.001 min
Response: 6393331
Conc: 59.22 ug/ml



#8 N-DOCOSANE

R.T.: 13.560 min
Delta R.T.: 0.001 min
Response: 6183499
Conc: 59.15 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.456 min
Delta R.T.: 0.004 min
Response: 5259245
Conc: 58.74 ug/ml

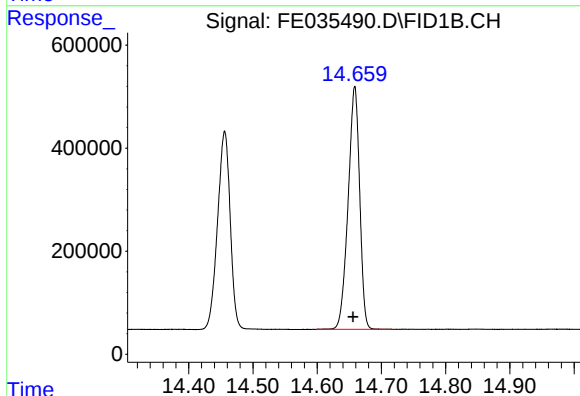
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

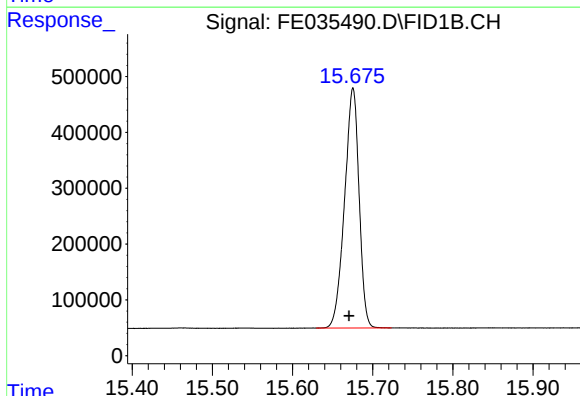
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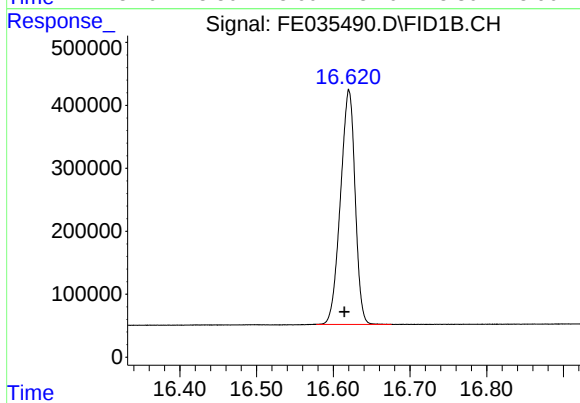
#10 N-TETRACOSANE

R.T.: 14.659 min
Delta R.T.: 0.003 min
Response: 5886645
Conc: 58.18 ug/ml



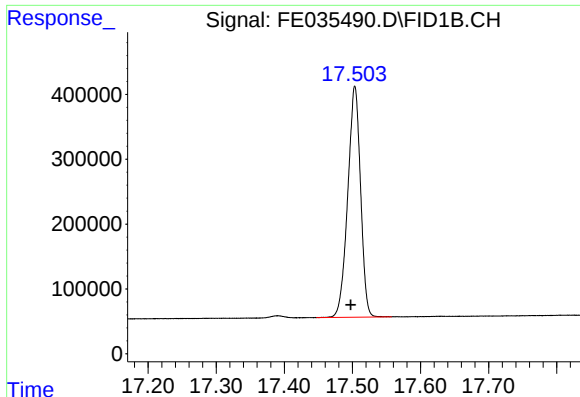
#11 N-HEXACOSANE

R.T.: 15.675 min
Delta R.T.: 0.005 min
Response: 5398065
Conc: 55.36 ug/ml



#12 N-OCTACOSANE

R.T.: 16.620 min
Delta R.T.: 0.006 min
Response: 4939334
Conc: 52.64 ug/ml



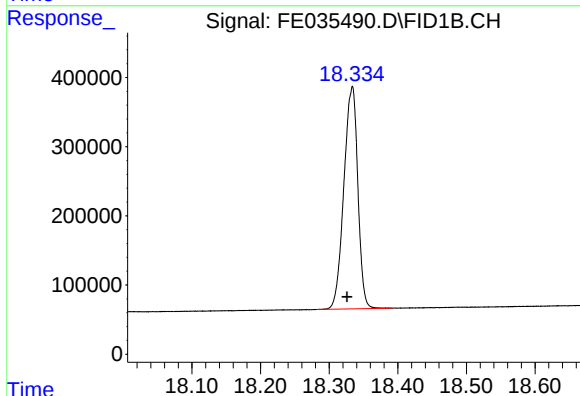
#13 N-TRIACONTANE

R.T.: 17.504 min
Delta R.T.: 0.006 min
Response: 4650777
Conc: 51.34 ug/ml

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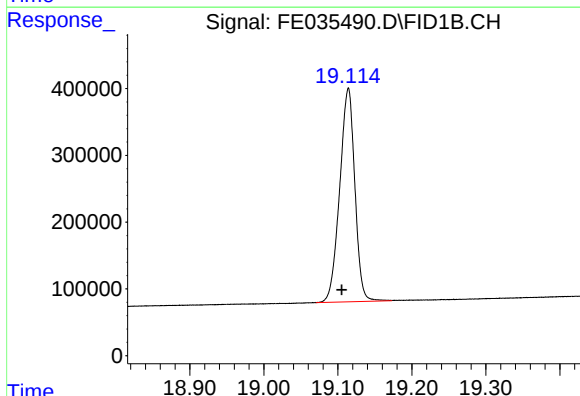
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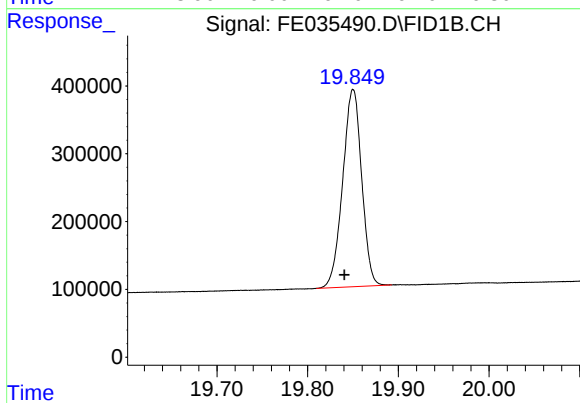
#14 N-DOTRIACONTANE

R.T.: 18.334 min
Delta R.T.: 0.008 min
Response: 4539602
Conc: 51.65 ug/ml



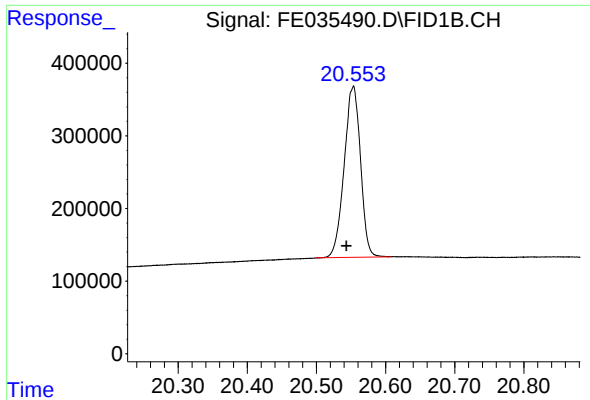
#15 N-TETRATRIACONTANE

R.T.: 19.114 min
Delta R.T.: 0.009 min
Response: 4551516
Conc: 53.11 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.849 min
Delta R.T.: 0.009 min
Response: 4229934
Conc: 53.53 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.553 min
Delta R.T.: 0.010 min
Response: 3870208
Conc: 54.44 ug/ml

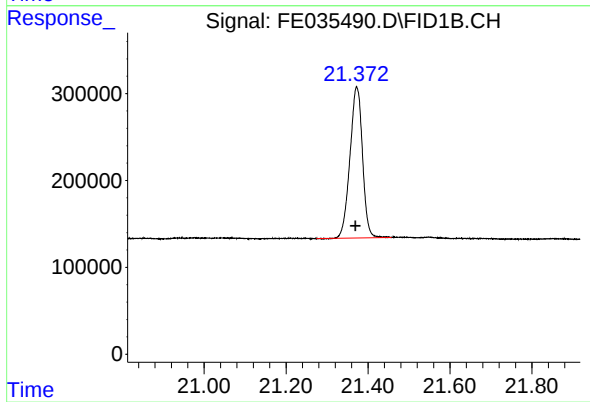
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#18 N-TETRACONTANE

R.T.: 21.372 min
Delta R.T.: 0.003 min
Response: 3690213
Conc: 53.66 ug/ml