

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032122\
 Data File : FE035497.D
 Signal(s) : FID1B.CH
 Acq On : 22 Mar 2022 9:36
 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 10:03:02 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...	14.451	5347192	59.717 ug/mlm
Target Compounds			
1) N-OCTANE	2.163	4241635	36.834 ug/ml
2) N-DECANE	4.231	4888900	43.290 ug/ml
3) N-DODECANE	6.243	5492408	49.627 ug/ml
4) N-TETRADECANE	8.030	5989648	52.332 ug/ml
5) N-HEXADECANE	9.624	6277948	55.476 ug/ml
6) N-OCTADECANE	11.060	6604634	58.220 ug/ml
7) N-EICOSANE	12.365	6474128	59.967 ug/ml
8) N-DOCOSANE	13.557	6329196	60.541 ug/ml
10) N-TETRACOSANE	14.657	6048494	59.782 ug/ml
11) N-HEXACOSANE	15.671	5614616	57.586 ug/ml
12) N-OCTACOSANE	16.616	5152010	54.904 ug/ml
13) N-TRIACONTANE	17.499	4801642	53.010 ug/ml
14) N-DOTRIACONTANE	18.329	4627331	52.647 ug/ml
15) N-TETRATRIACONTANE	19.108	4553905	53.142 ug/ml
16) N-HEXATRIACONTANE	19.846	4283477	54.204 ug/ml
17) N-OCTATRIACONTANE	20.549	3956261	55.655 ug/ml
18) N-TETRACONTANE	21.365	3772098	54.854 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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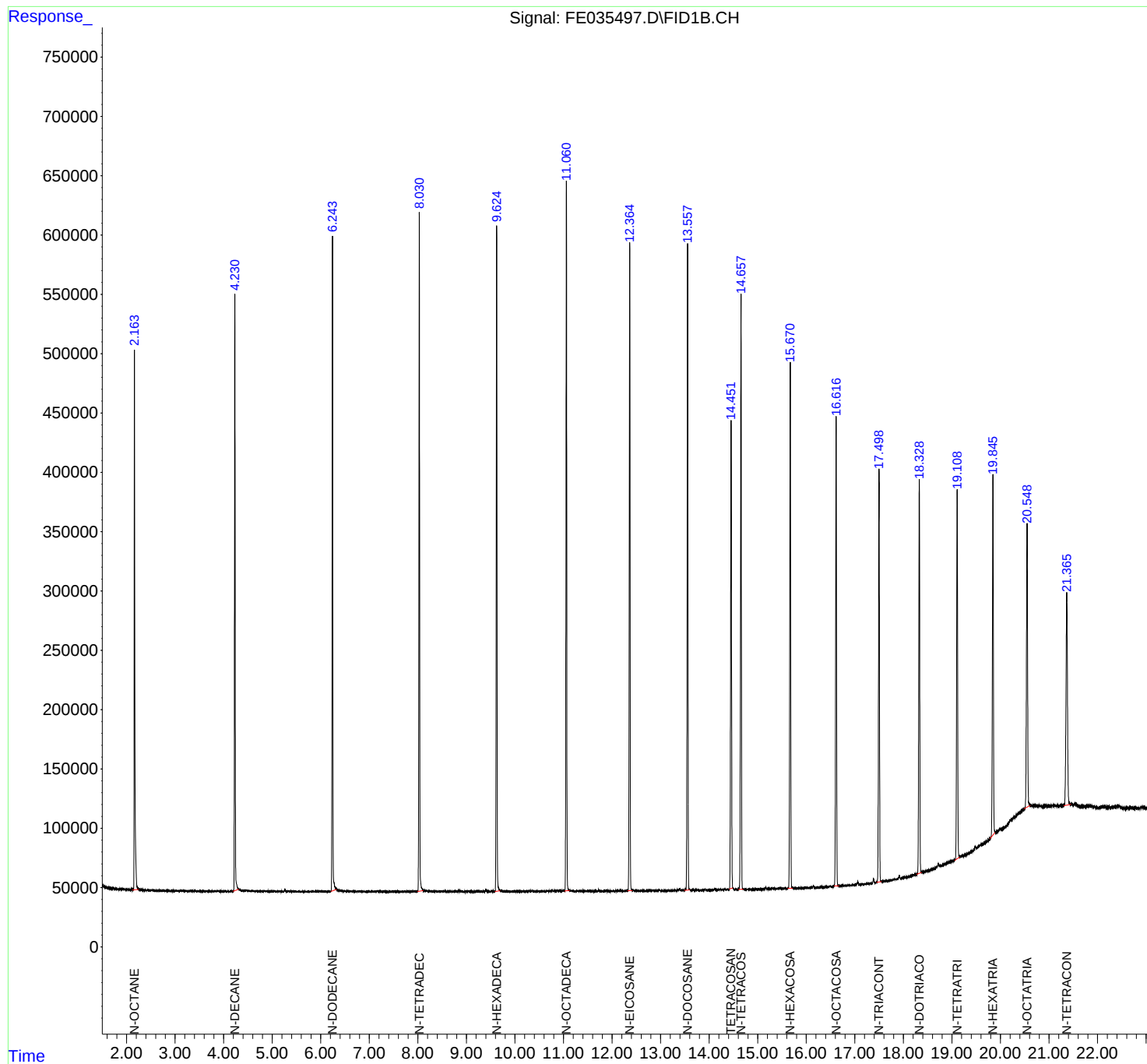
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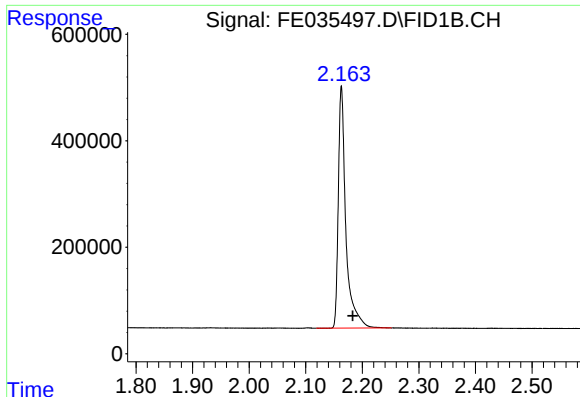
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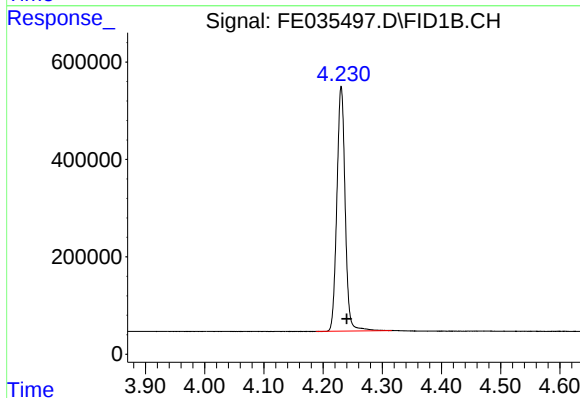
#1 N-OCTANE

R.T.: 2.163 min
Delta R.T.: -0.020 min
Response: 4241635
Conc: 36.83 ug/ml

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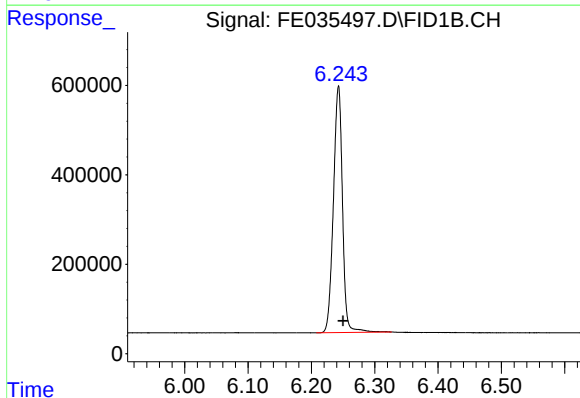
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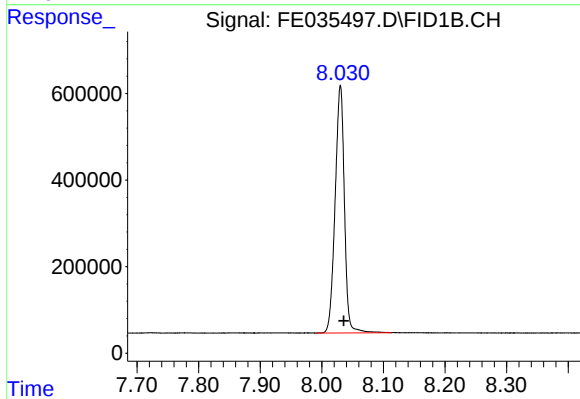
#2 N-DECANE

R.T.: 4.231 min
Delta R.T.: -0.010 min
Response: 4888900
Conc: 43.29 ug/ml



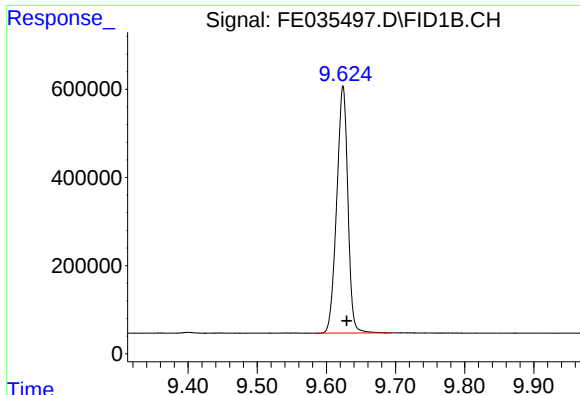
#3 N-DODECANE

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 5492408
Conc: 49.63 ug/ml



#4 N-TETRADECANE

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 5989648
Conc: 52.33 ug/ml



#5 N-HEXADECANE

R.T.: 9.624 min
Delta R.T.: -0.005 min
Response: 6277948
Conc: 55.48 ug/ml

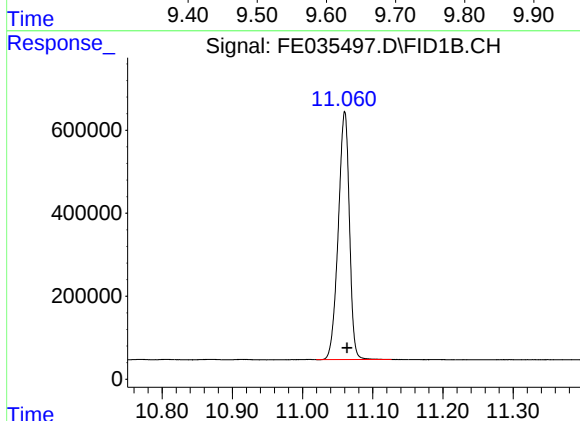
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

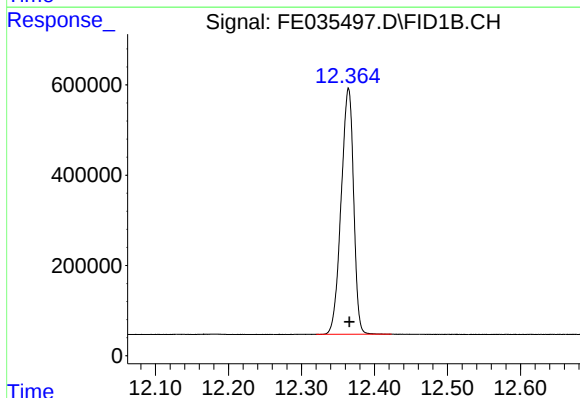
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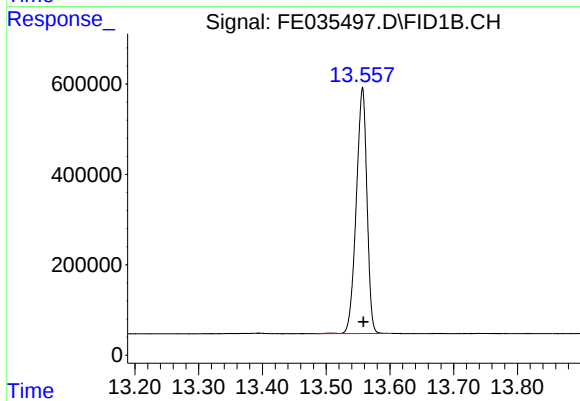
#6 N-OCTADECANE

R.T.: 11.060 min
Delta R.T.: -0.003 min
Response: 6604634
Conc: 58.22 ug/ml



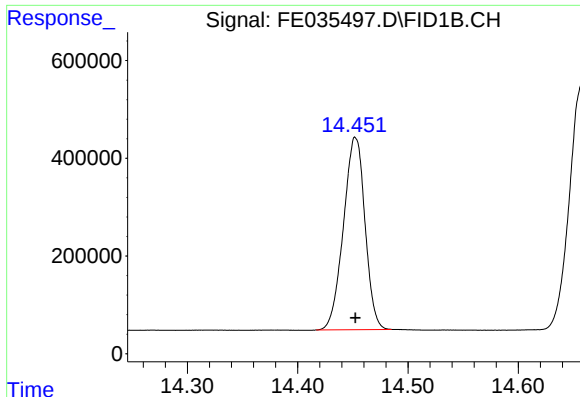
#7 N-EICOSANE

R.T.: 12.365 min
Delta R.T.: -0.001 min
Response: 6474128
Conc: 59.97 ug/ml



#8 N-DOCOSANE

R.T.: 13.557 min
Delta R.T.: 0.000 min
Response: 6329196
Conc: 60.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.451 min
Delta R.T.: 0.000 min
Response: 5347192
Conc: 59.72 ug/ml

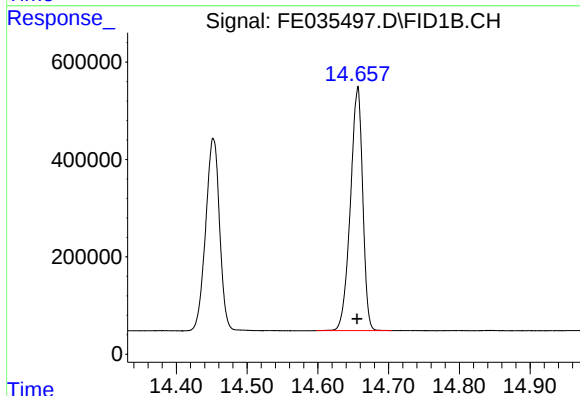
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

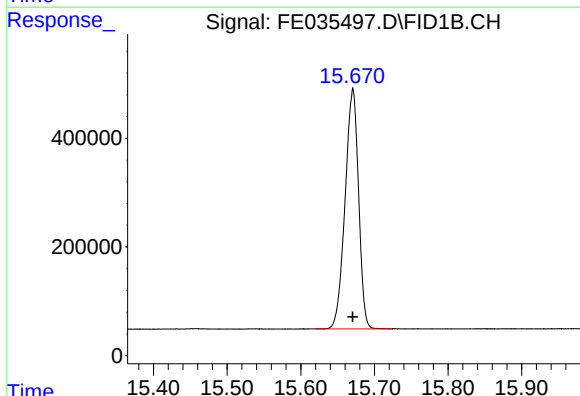
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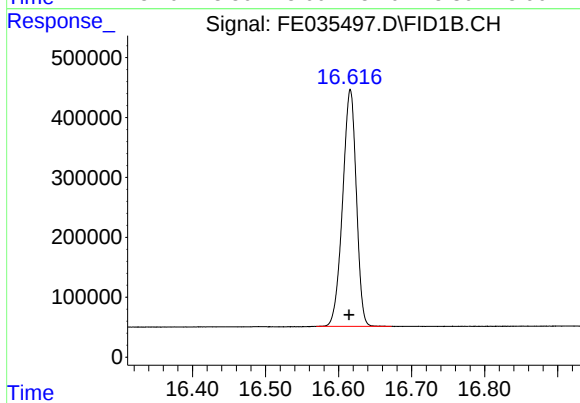
#10 N-TETRACOSANE

R.T.: 14.657 min
Delta R.T.: 0.001 min
Response: 6048494
Conc: 59.78 ug/ml



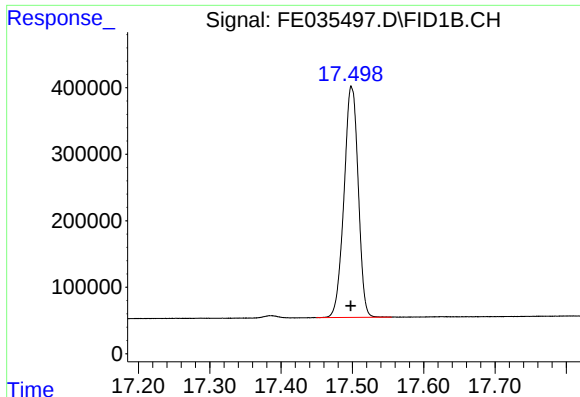
#11 N-HEXACOSANE

R.T.: 15.671 min
Delta R.T.: 0.000 min
Response: 5614616
Conc: 57.59 ug/ml



#12 N-OCTACOSANE

R.T.: 16.616 min
Delta R.T.: 0.002 min
Response: 5152010
Conc: 54.90 ug/ml



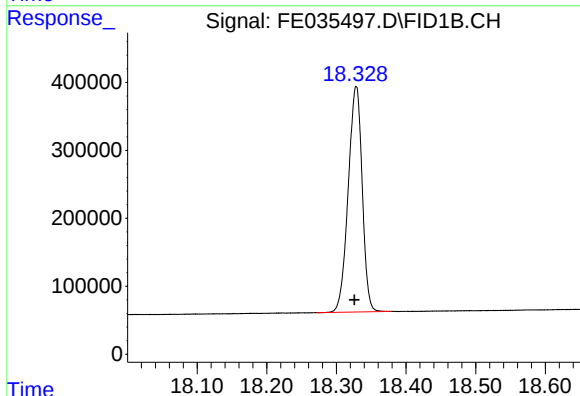
#13 N-TRIACONTANE

R.T.: 17.499 min
Delta R.T.: 0.001 min
Response: 4801642
Conc: 53.01 ug/ml

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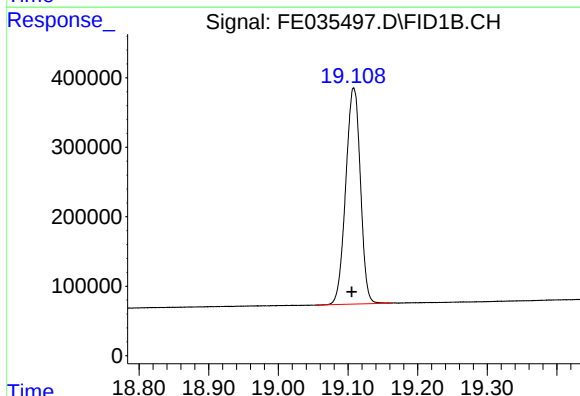
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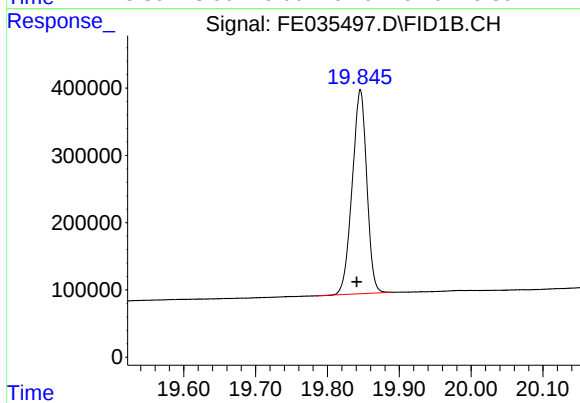
#14 N-DOTRIACONTANE

R.T.: 18.329 min
Delta R.T.: 0.002 min
Response: 4627331
Conc: 52.65 ug/ml



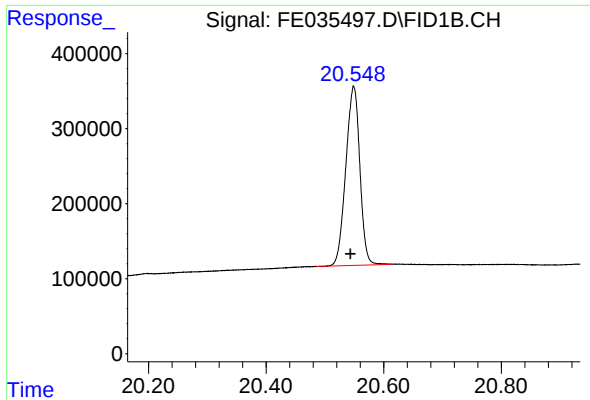
#15 N-TETRATRIACONTANE

R.T.: 19.108 min
Delta R.T.: 0.003 min
Response: 4553905
Conc: 53.14 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.846 min
Delta R.T.: 0.005 min
Response: 4283477
Conc: 54.20 ug/ml



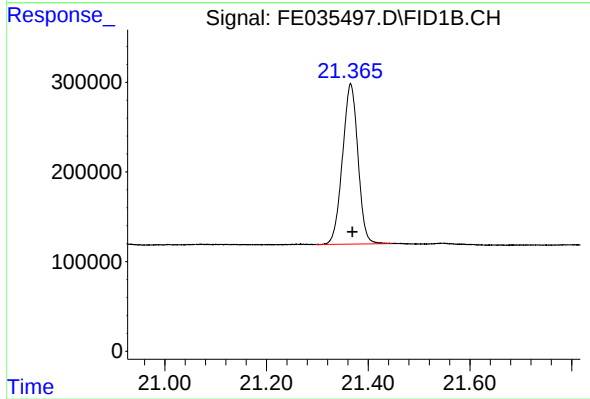
#17 N-OCTATRIACONTANE

R.T.: 20.549 min
Delta R.T.: 0.006 min
Response: 3956261
Conc: 55.66 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.365 min
Delta R.T.: -0.004 min
Response: 3772098
Conc: 54.85 ug/ml