

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035464.D
 Signal(s) : FID1B.CH
 Acq On : 20 Mar 2022 4:29
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 98 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 21 08:31:09 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...	14.460	5449945	60.865 ug/mlm
Target Compounds			
1) N-OCTANE	2.172	5595762	48.592 ug/ml
2) N-DECANE	4.237	6280142	55.609 ug/ml
3) N-DODECANE	6.249	6731047	60.819 ug/ml
4) N-TETRADECANE	8.037	7129785	62.293 ug/ml
5) N-HEXADECANE	9.632	7301157	64.518 ug/ml
6) N-OCTADECANE	11.069	7463619	65.792 ug/ml
7) N-EICOSANE	12.373	7083365	65.610 ug/ml
8) N-DOCOSANE	13.566	6648317	63.593 ug/ml
10) N-TETRACOSANE	14.664	6131785	60.606 ug/ml
11) N-HEXACOSANE	15.679	5576802	57.198 ug/ml
12) N-OCTACOSANE	16.625	5200274	55.418 ug/ml
13) N-TRIACONTANE	17.510	4994433	55.139 ug/ml
14) N-DOTRIACONTANE	18.338	4943466	56.244 ug/ml
15) N-TETRATRIACONTANE	19.121	4990436	58.236 ug/ml
16) N-HEXATRIACONTANE	19.858	4712474	59.632 ug/mlm
17) N-OCTATRIACONTANE	20.560	4333797	60.966 ug/mlm
18) N-TETRACONTANE	21.381	4210364	61.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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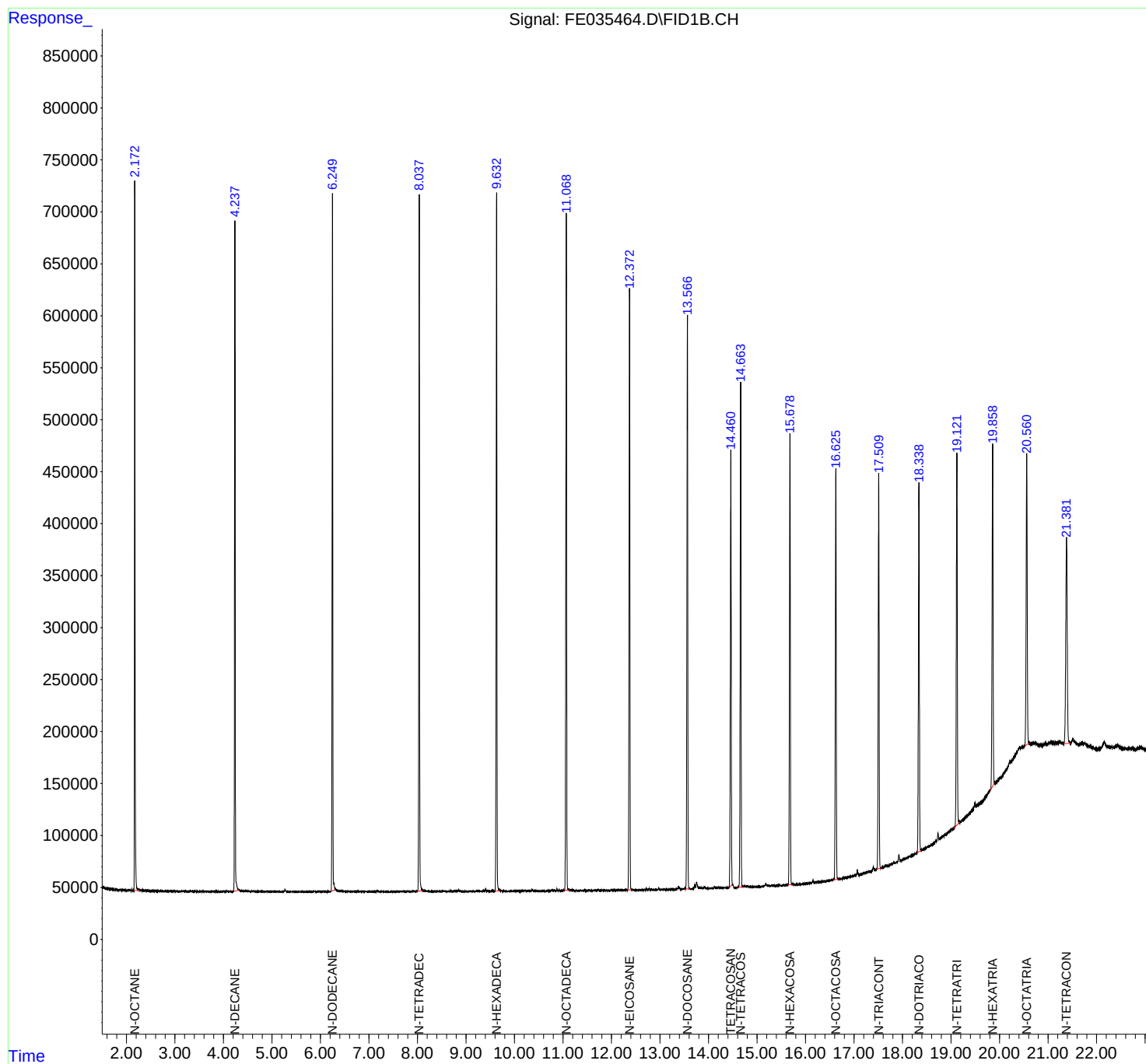
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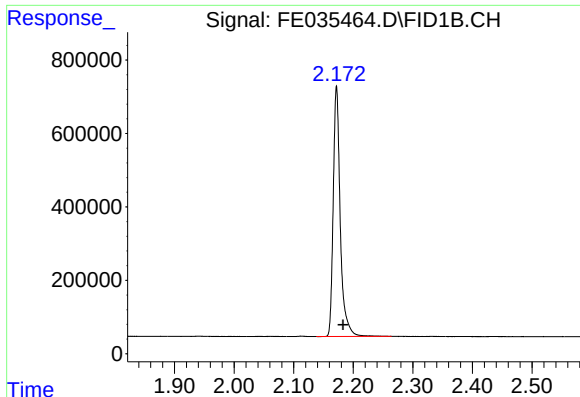
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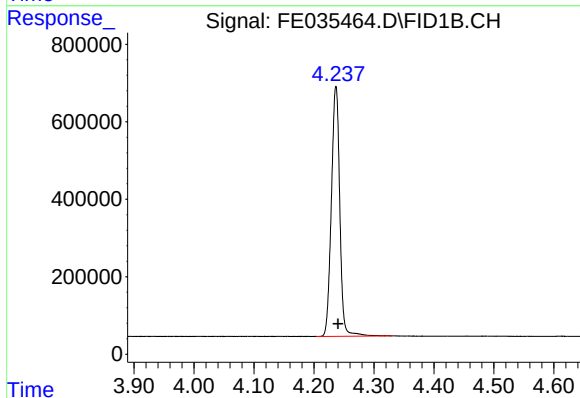
#1 N-OCTANE

R.T.: 2.172 min
Delta R.T.: -0.011 min
Response: 5595762
Conc: 48.59 ug/ml

Instrument :
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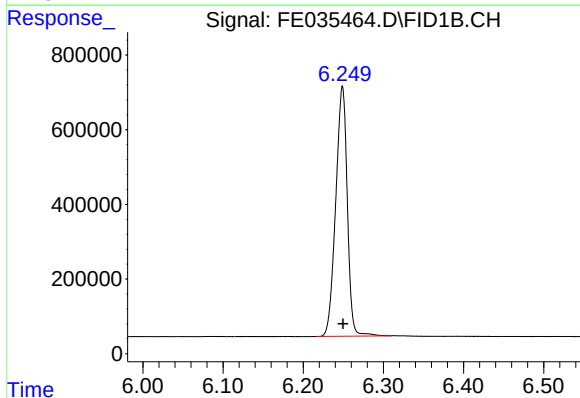
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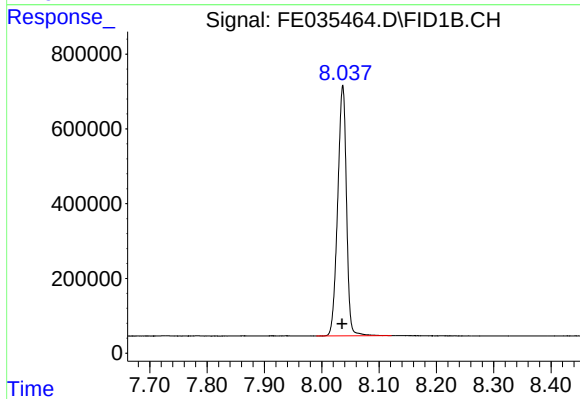
#2 N-DECANE

R.T.: 4.237 min
Delta R.T.: -0.003 min
Response: 6280142
Conc: 55.61 ug/ml



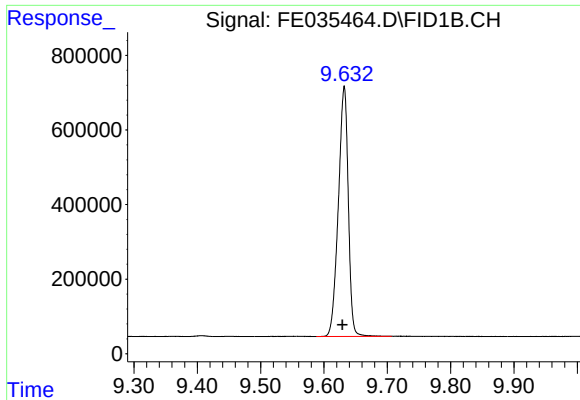
#3 N-DODECANE

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 6731047
Conc: 60.82 ug/ml



#4 N-TETRADECANE

R.T.: 8.037 min
Delta R.T.: 0.001 min
Response: 7129785
Conc: 62.29 ug/ml



#5 N-HEXADECANE

R.T.: 9.632 min
Delta R.T.: 0.003 min
Response: 7301157
Conc: 64.52 ug/ml

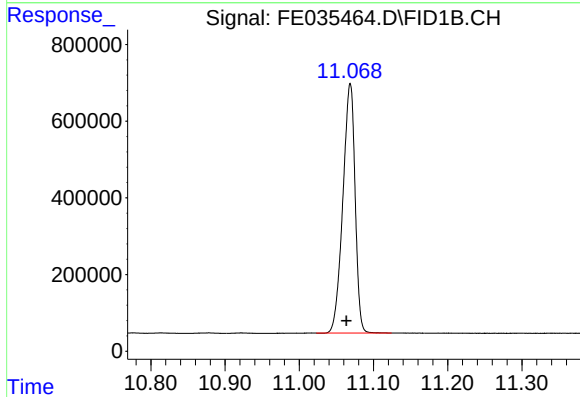
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

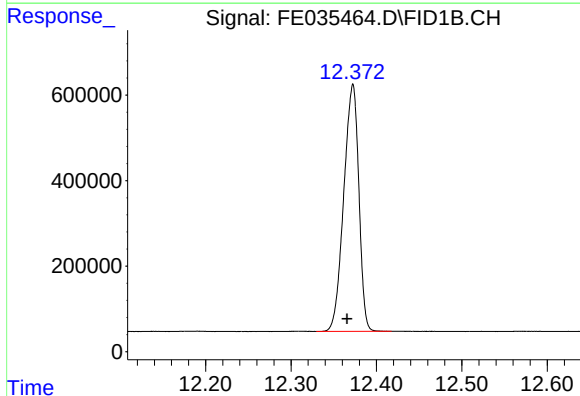
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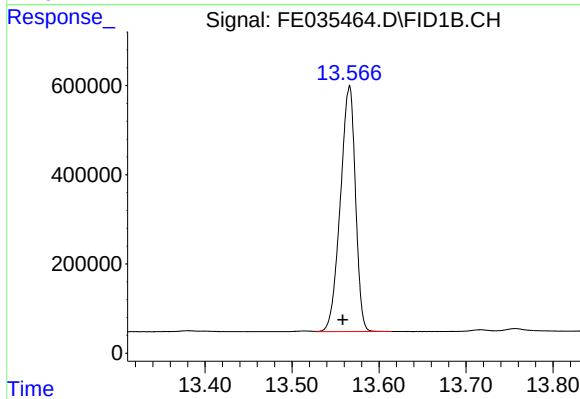
#6 N-OCTADECANE

R.T.: 11.069 min
Delta R.T.: 0.005 min
Response: 7463619
Conc: 65.79 ug/ml



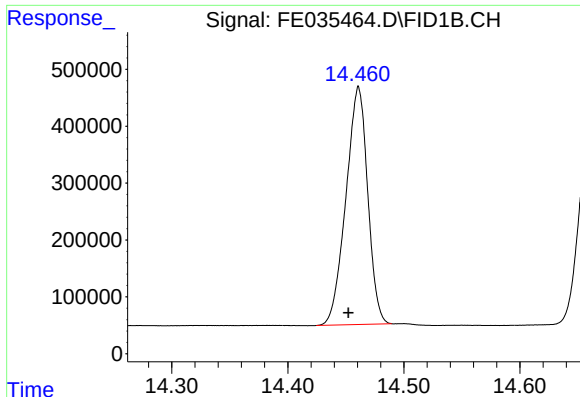
#7 N-EICOSANE

R.T.: 12.373 min
Delta R.T.: 0.007 min
Response: 7083365
Conc: 65.61 ug/ml



#8 N-DOCOSANE

R.T.: 13.566 min
Delta R.T.: 0.008 min
Response: 6648317
Conc: 63.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.460 min
Delta R.T.: 0.008 min
Response: 5449945
Conc: 60.86 ug/ml

Instrument :

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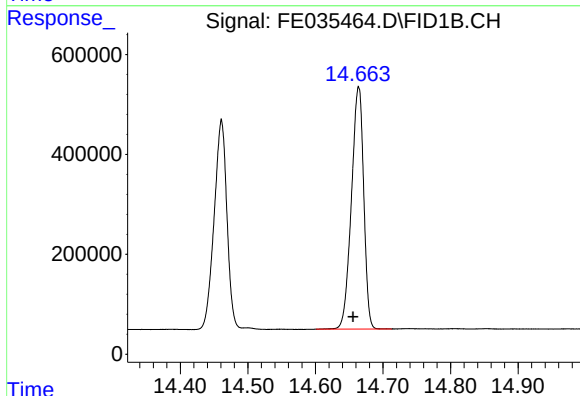
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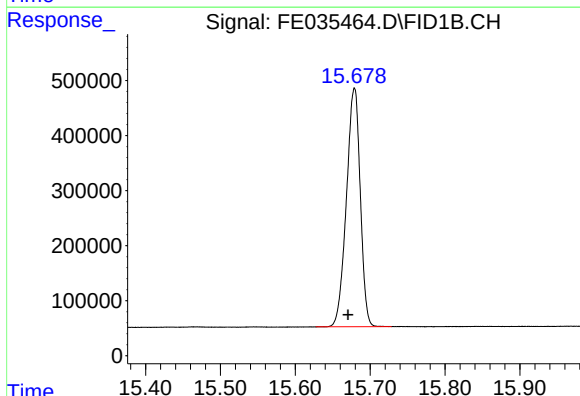
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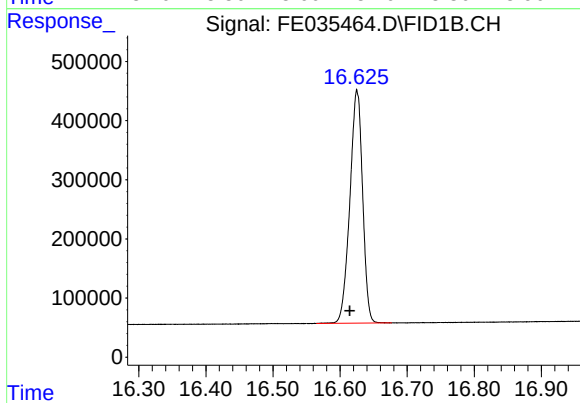
#10 N-TETRACOSANE

R.T.: 14.664 min
Delta R.T.: 0.008 min
Response: 6131785
Conc: 60.61 ug/ml



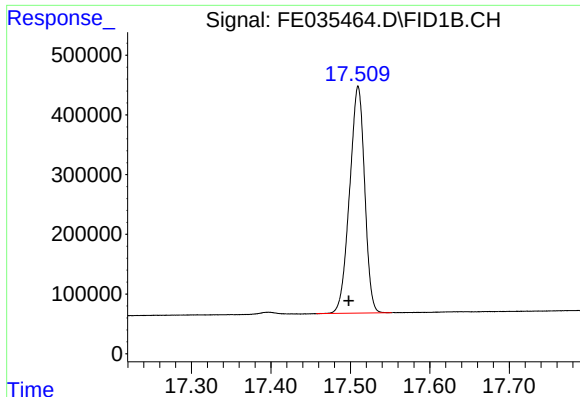
#11 N-HEXACOSANE

R.T.: 15.679 min
Delta R.T.: 0.009 min
Response: 5576802
Conc: 57.20 ug/ml



#12 N-OCTACOSANE

R.T.: 16.625 min
Delta R.T.: 0.011 min
Response: 5200274
Conc: 55.42 ug/ml



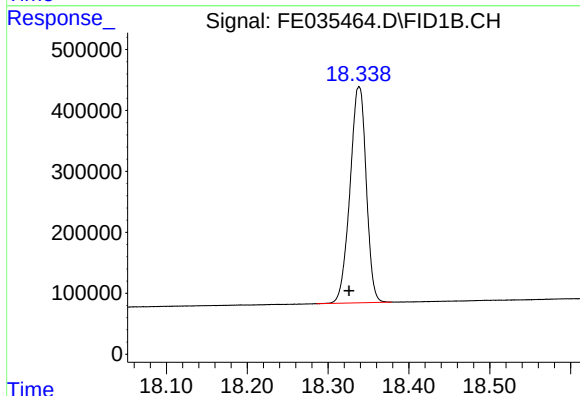
#13 N-TRIACONTANE

R.T.: 17.510 min
Delta R.T.: 0.012 min
Response: 4994433
Conc: 55.14 ug/ml

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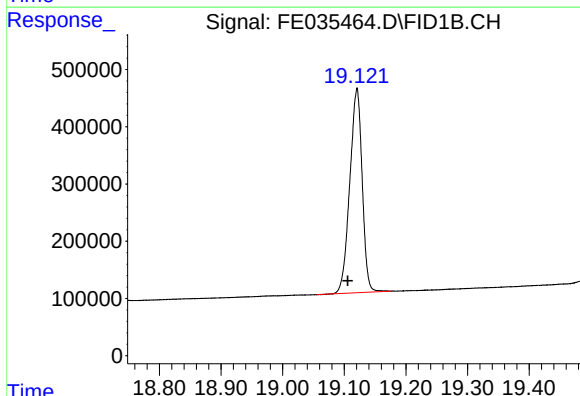
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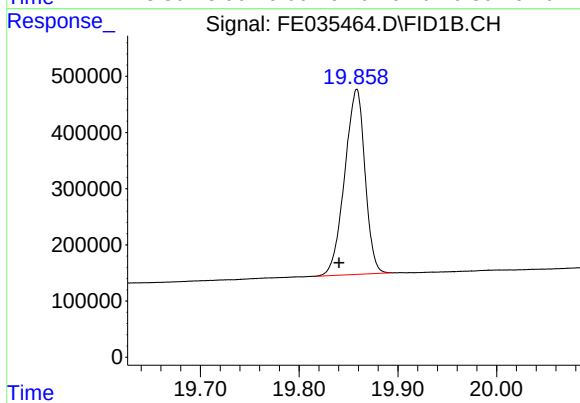
#14 N-DOTRIACONTANE

R.T.: 18.338 min
Delta R.T.: 0.012 min
Response: 4943466
Conc: 56.24 ug/ml



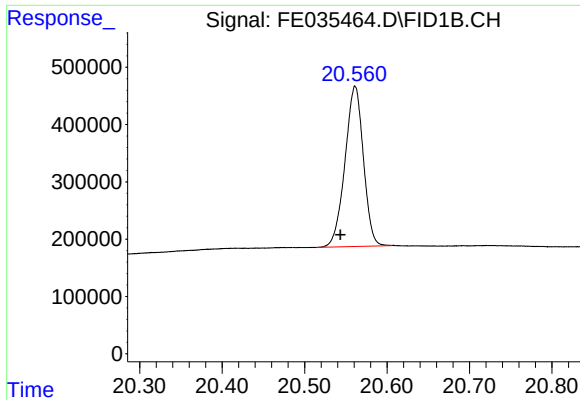
#15 N-TETRATRIACONTANE

R.T.: 19.121 min
Delta R.T.: 0.015 min
Response: 4990436
Conc: 58.24 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.858 min
Delta R.T.: 0.017 min
Response: 4712474
Conc: 59.63 ug/ml m



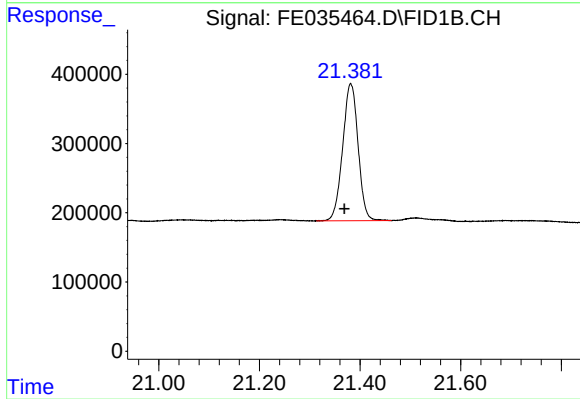
#17 N-OCTATRIACONTANE

R.T.: 20.560 min
Delta R.T.: 0.017 min
Response: 4333797
Conc: 60.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.381 min
Delta R.T.: 0.012 min
Response: 4210364
Conc: 61.23 ug/ml