

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035427.D
 Signal(s) : FID1B.CH
 Acq On : 19 Mar 2022 4:47
 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 19 07:04:38 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...	14.461	4210699	47.025 ug/ml
Target Compounds			
1) N-OCTANE	2.180	5441839	47.256 ug/ml
2) N-DECANE	4.240	5321302	47.119 ug/mlm
3) N-DODECANE	6.250	5264946	47.572 ug/mlm
4) N-TETRADECANE	8.038	5325678	46.531 ug/ml
5) N-HEXADECANE	9.632	5246462	46.361 ug/ml
6) N-OCTADECANE	11.068	5278247	46.528 ug/ml
7) N-EICOSANE	12.372	5028987	46.581 ug/ml
8) N-DOCOSANE	13.565	4869084	46.574 ug/ml
10) N-TETRACOSANE	14.664	4755136	46.999 ug/ml
11) N-HEXACOSANE	15.679	4660878	47.804 ug/ml
12) N-OCTACOSANE	16.625	4595599	48.974 ug/ml
13) N-TRIACONTANE	17.509	4518167	49.881 ug/ml
14) N-DOTRIACONTANE	18.338	4637902	52.768 ug/ml
15) N-TETRATRIACONTANE	19.118	4635760	54.097 ug/mlm
16) N-HEXATRIACONTANE	19.855	5050123	63.905 ug/mlm
17) N-OCTATRIACONTANE	20.560	4262127	59.958 ug/ml
18) N-TETRACONTANE	21.381	4041139	58.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

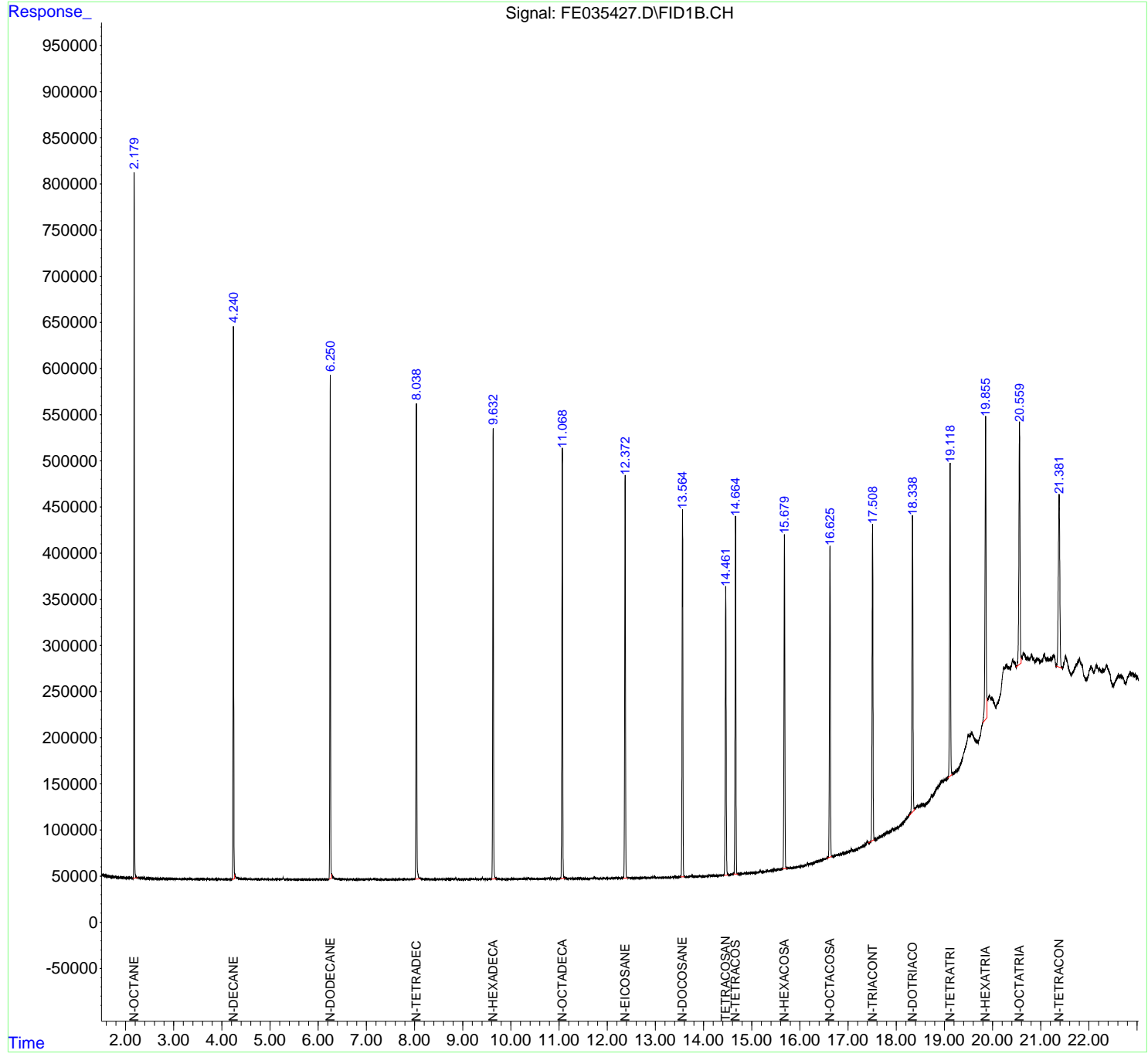
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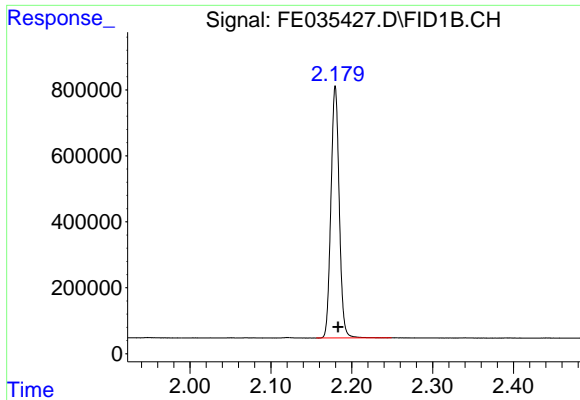
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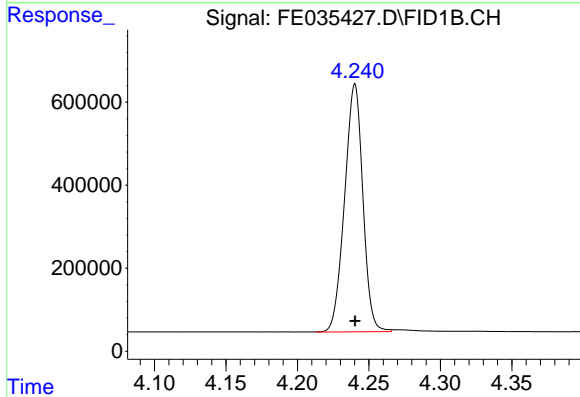
#1 N-OCTANE

R.T.: 2.180 min
 Delta R.T.: -0.003 min
 Response: 5441839
 Conc: 47.26 ug/ml

Instrument : FID_E
 ClientSampleId : 50 PPM TRPH STD

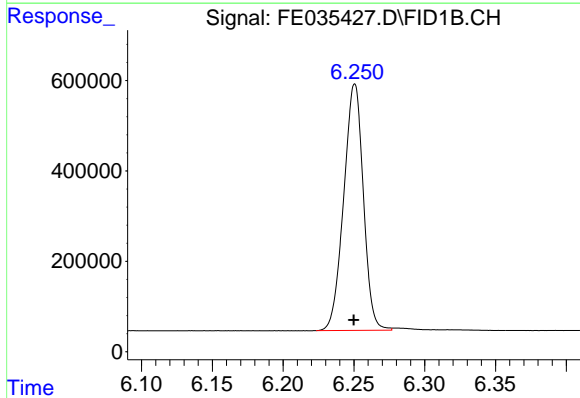
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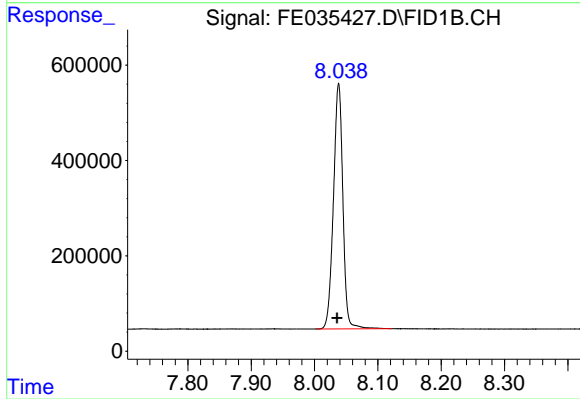
#2 N-DECANE

R.T.: 4.240 min
 Delta R.T.: 0.000 min
 Response: 5321302
 Conc: 47.12 ug/ml m



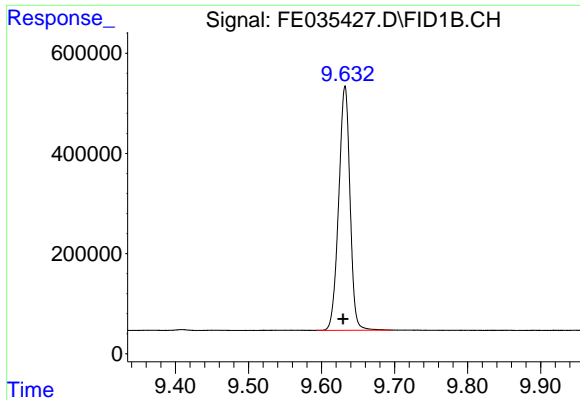
#3 N-DODECANE

R.T.: 6.250 min
 Delta R.T.: 0.000 min
 Response: 5264946
 Conc: 47.57 ug/ml m



#4 N-TETRADECANE

R.T.: 8.038 min
 Delta R.T.: 0.003 min
 Response: 5325678
 Conc: 46.53 ug/ml

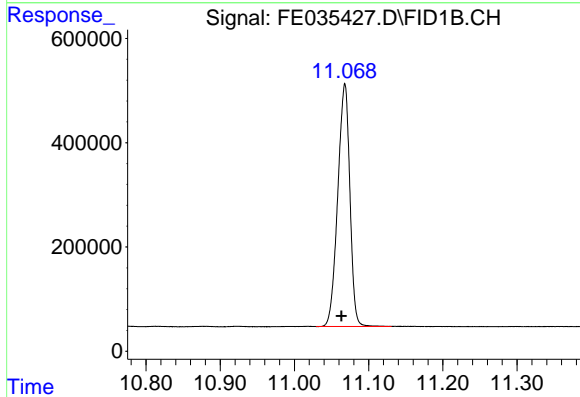


#5 N-HEXADECANE
 R.T.: 9.632 min
 Delta R.T.: 0.003 min
 Response: 5246462
 Conc: 46.36 ug/ml

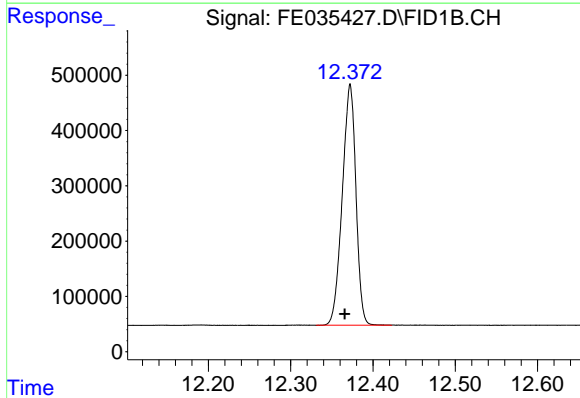
Instrument : FID_E
 ClientSampleId : 50 PPM TRPH STD

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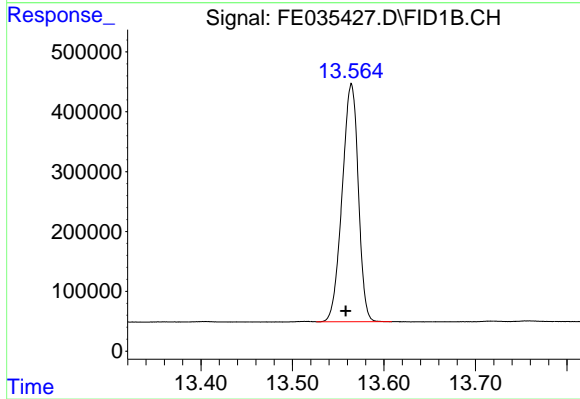
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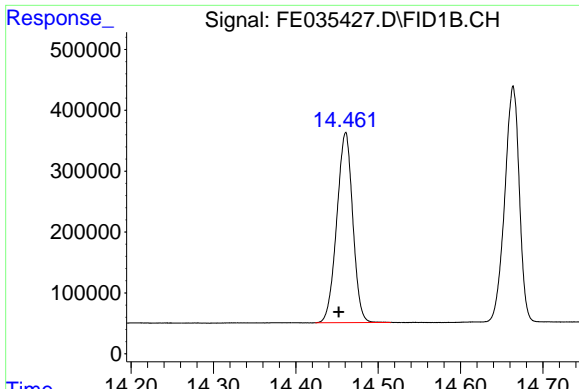
#6 N-OCTADECANE
 R.T.: 11.068 min
 Delta R.T.: 0.005 min
 Response: 5278247
 Conc: 46.53 ug/ml



#7 N-EICOSANE
 R.T.: 12.372 min
 Delta R.T.: 0.007 min
 Response: 5028987
 Conc: 46.58 ug/ml



#8 N-DOCOSANE
 R.T.: 13.565 min
 Delta R.T.: 0.006 min
 Response: 4869084
 Conc: 46.57 ug/ml



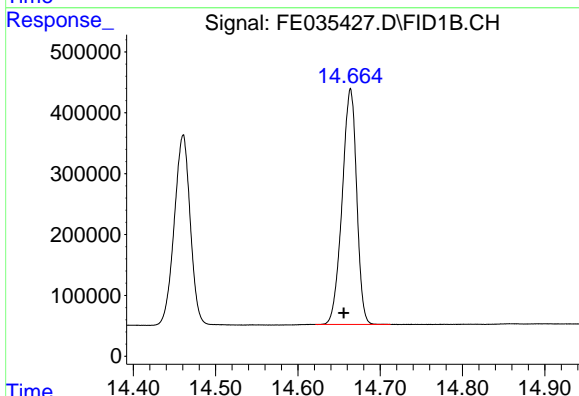
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.461 min
 Delta R.T.: 0.009 min
 Response: 4210699
 Conc: 47.03 ug/ml

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

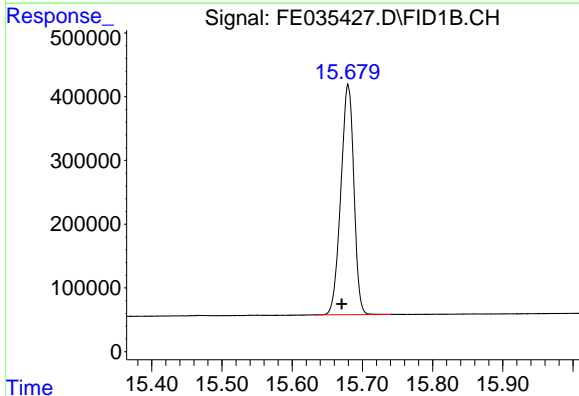
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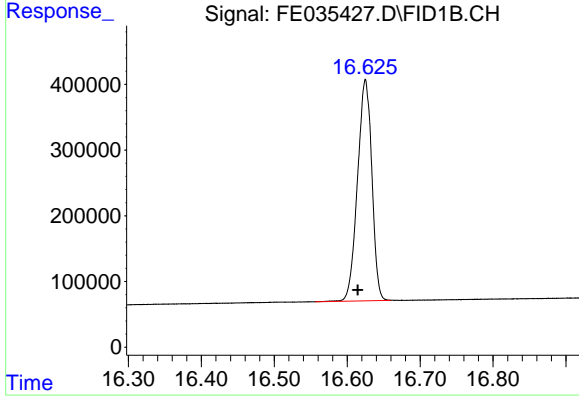
#10 N-TETRACOSANE

R.T.: 14.664 min
 Delta R.T.: 0.008 min
 Response: 4755136
 Conc: 47.00 ug/ml



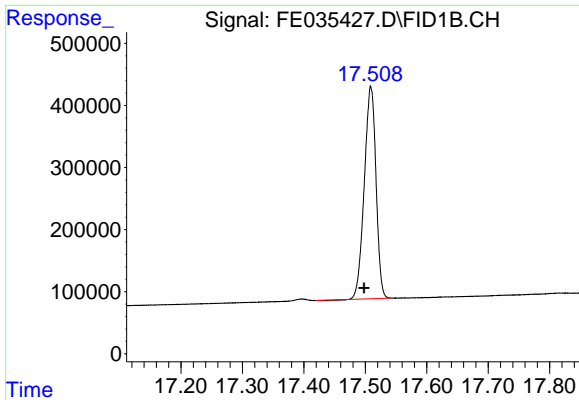
#11 N-HEXACOSANE

R.T.: 15.679 min
 Delta R.T.: 0.009 min
 Response: 4660878
 Conc: 47.80 ug/ml



#12 N-OCTACOSANE

R.T.: 16.625 min
 Delta R.T.: 0.011 min
 Response: 4595599
 Conc: 48.97 ug/ml



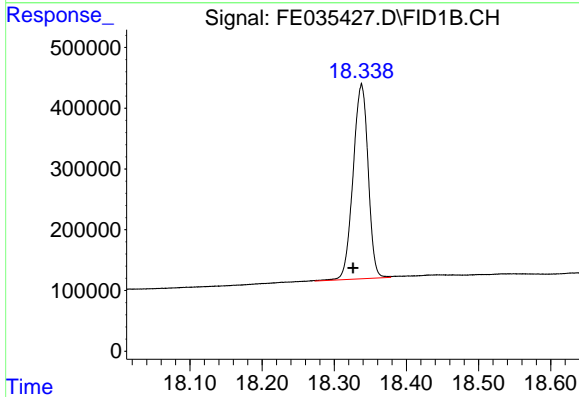
#13 N-TRIACONTANE

R.T.: 17.509 min
Delta R.T.: 0.011 min
Response: 4518167
Conc: 49.88 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

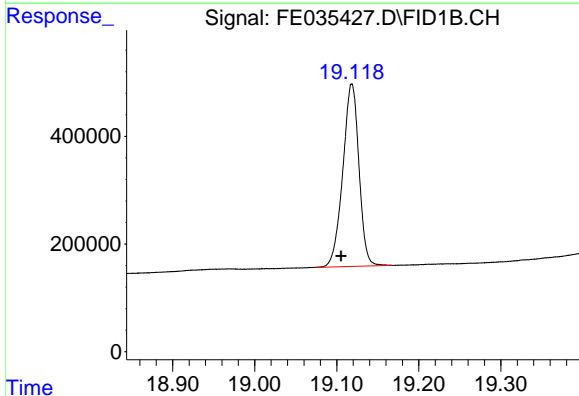
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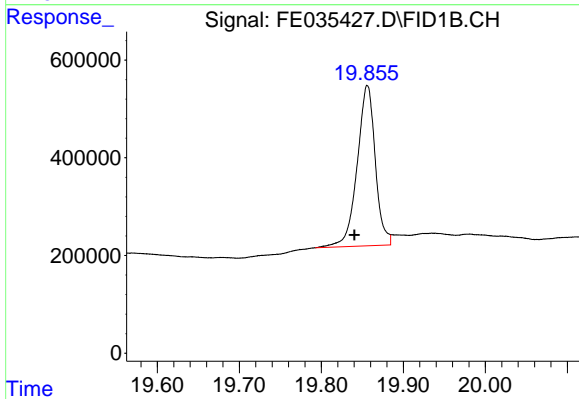
#14 N-DOTRIACONTANE

R.T.: 18.338 min
Delta R.T.: 0.012 min
Response: 4637902
Conc: 52.77 ug/ml



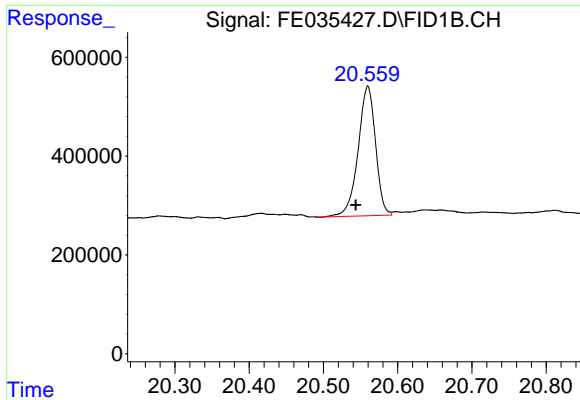
#15 N-TETRATRIACONTANE

R.T.: 19.118 min
Delta R.T.: 0.013 min
Response: 4635760
Conc: 54.10 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.855 min
Delta R.T.: 0.015 min
Response: 5050123
Conc: 63.90 ug/ml m

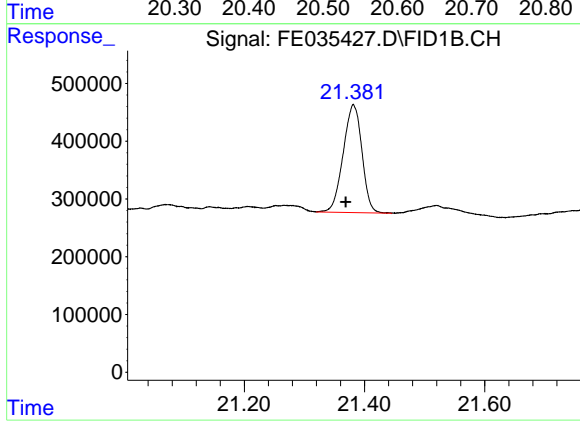


#17 N-OCTATRIACONTANE
 R.T.: 20.560 min
 Delta R.T.: 0.017 min
 Response: 4262127
 Conc: 59.96 ug/ml

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#18 N-TETRACONTANE
 R.T.: 21.381 min
 Delta R.T.: 0.012 min
 Response: 4041139
 Conc: 58.77 ug/ml