

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035304.D
 Signal(s) : FID1B.CH
 Acq On : 11 Mar 2022 3:35
 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 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: autoint1.e
 Quant Time: Mar 11 07:59:56 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	4033598	45.047 ug/ml
Target Compounds			
1) N-OCTANE	2.184	5630494	48.894 ug/ml
2) N-DECANE	4.243	5463876	48.382 ug/ml
3) N-DODECANE	6.253	5304306	47.927 ug/ml
4) N-TETRADECANE	8.040	5436979	47.503 ug/ml
5) N-HEXADECANE	9.633	5262557	46.503 ug/ml
6) N-OCTADECANE	11.069	5207857	45.907 ug/ml
7) N-EICOSANE	12.373	4932169	45.685 ug/ml
8) N-DOCOSANE	13.565	4761247	45.543 ug/ml
10) N-TETRACOSANE	14.665	4646349	45.924 ug/ml
11) N-HEXACOSANE	15.679	4574856	46.921 ug/ml
12) N-OCTACOSANE	16.625	4536686	48.346 ug/ml
13) N-TRIACONTANE	17.508	4507327	49.761 ug/ml
14) N-DOTRIACONTANE	18.338	4408153	50.154 ug/ml
15) N-TETRATRIACONTANE	19.117	4136965	48.277 ug/ml
16) N-HEXATRIACONTANE	19.854	3587314	45.394 ug/ml
17) N-OCTATRIACONTANE	20.556	3055195	42.979 ug/mlm
18) N-TETRACONTANE	21.376	2813829	40.919 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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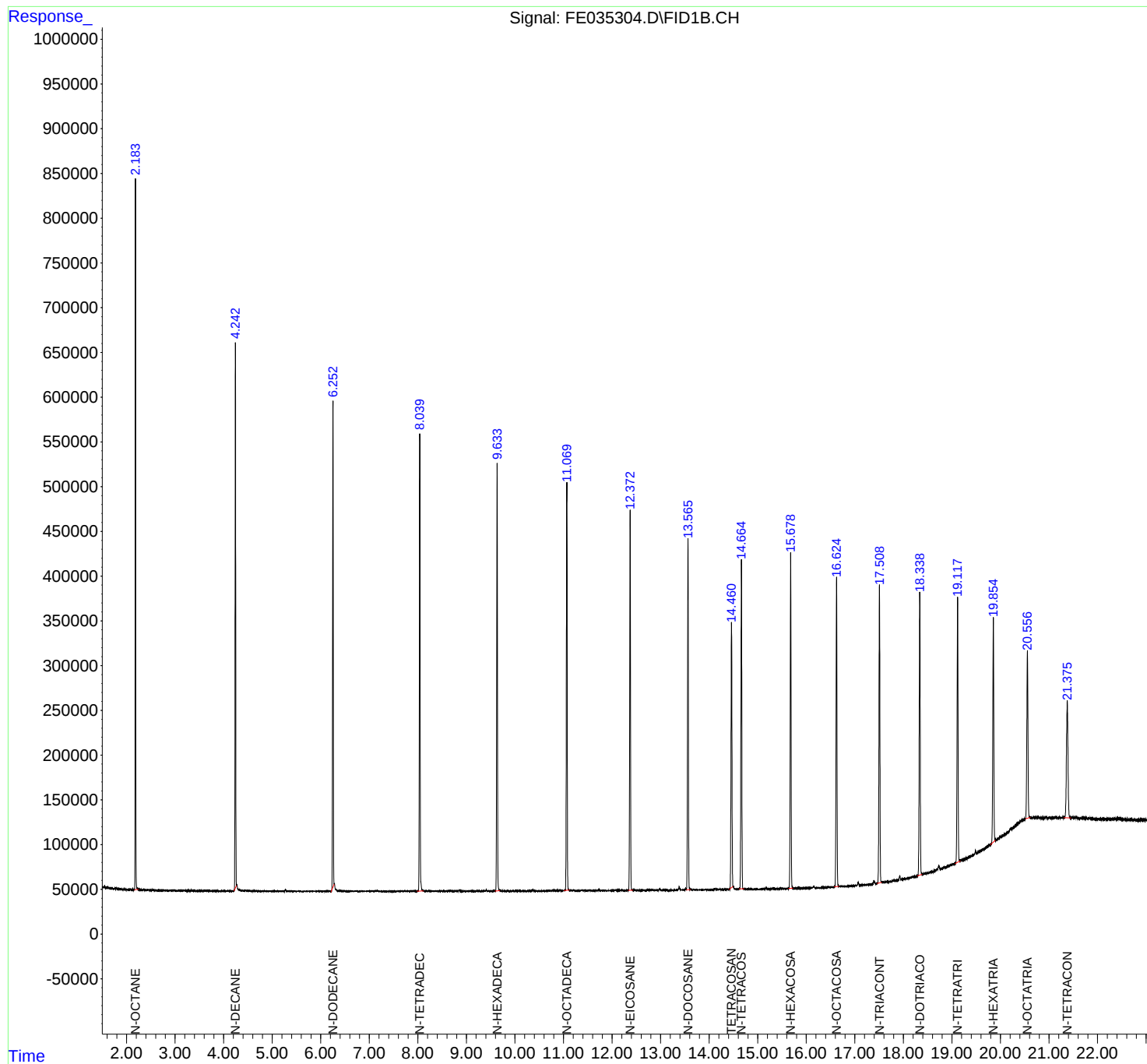
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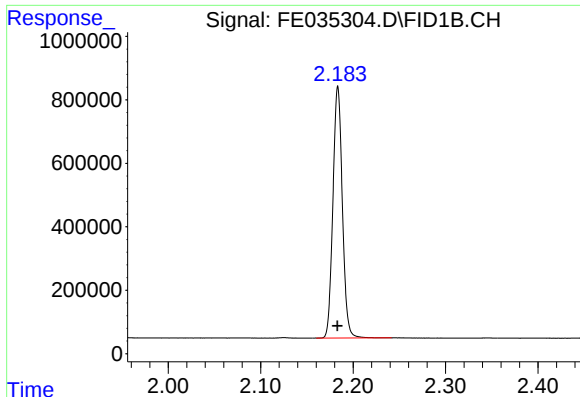
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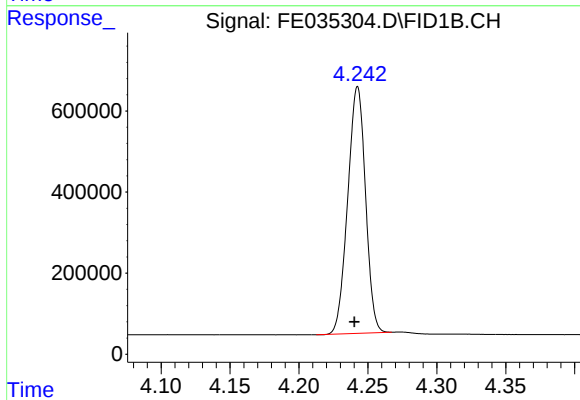
#1 N-OCTANE

R.T.: 2.184 min
Delta R.T.: 0.000 min
Response: 5630494
Conc: 48.89 ug/ml

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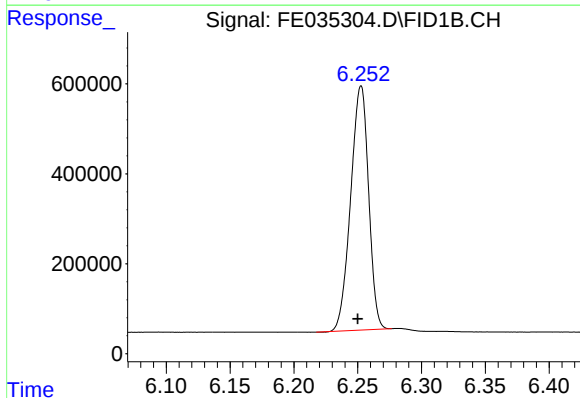
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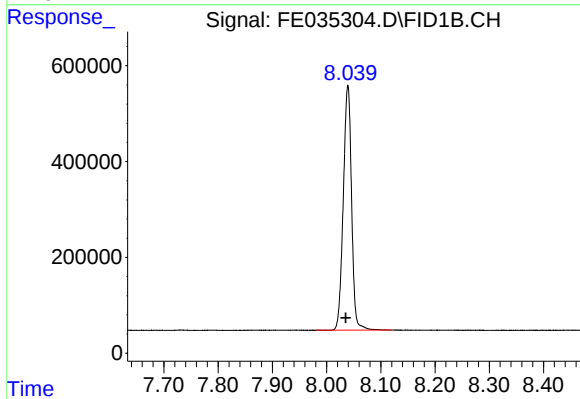
#2 N-DECANE

R.T.: 4.243 min
Delta R.T.: 0.002 min
Response: 5463876
Conc: 48.38 ug/ml



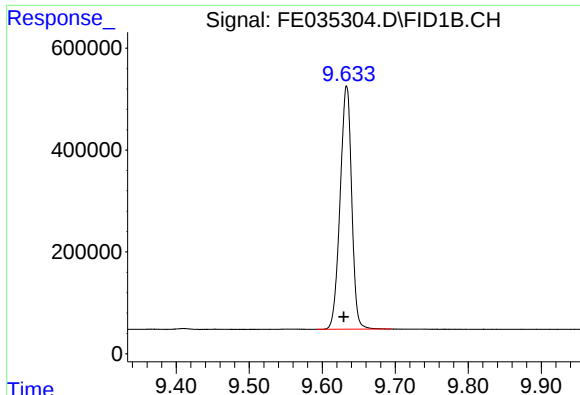
#3 N-DODECANE

R.T.: 6.253 min
Delta R.T.: 0.003 min
Response: 5304306
Conc: 47.93 ug/ml



#4 N-TETRADECANE

R.T.: 8.040 min
Delta R.T.: 0.004 min
Response: 5436979
Conc: 47.50 ug/ml



#5 N-HEXADECANE

R.T.: 9.633 min
Delta R.T.: 0.004 min
Response: 5262557
Conc: 46.50 ug/ml

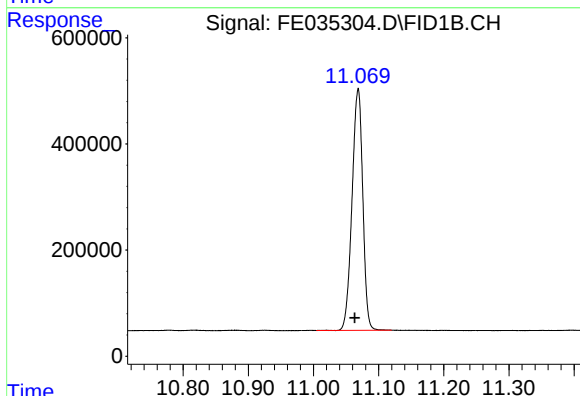
Instrument :

FID_E

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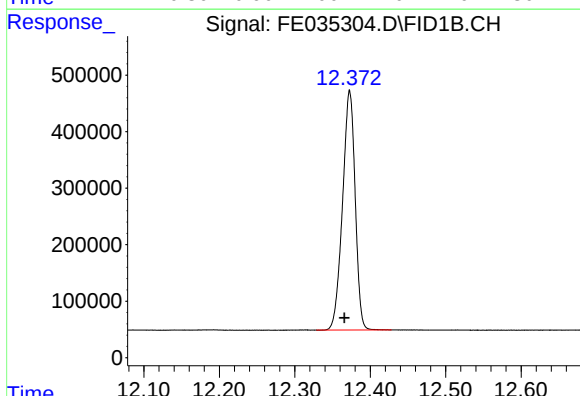
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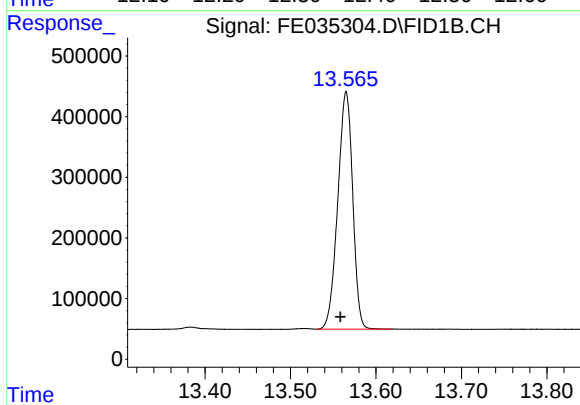
#6 N-OCTADECANE

R.T.: 11.069 min
Delta R.T.: 0.005 min
Response: 5207857
Conc: 45.91 ug/ml



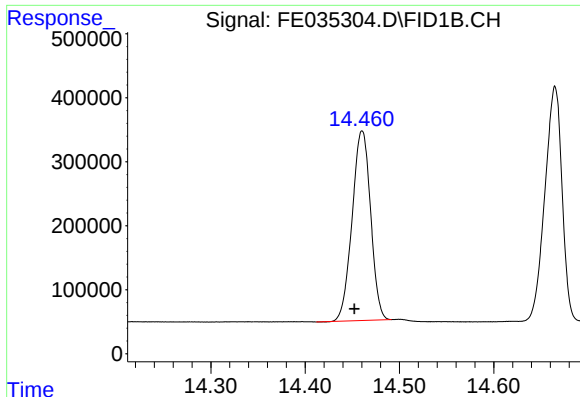
#7 N-EICOSANE

R.T.: 12.373 min
Delta R.T.: 0.007 min
Response: 4932169
Conc: 45.68 ug/ml



#8 N-DOCOSANE

R.T.: 13.565 min
Delta R.T.: 0.007 min
Response: 4761247
Conc: 45.54 ug/ml



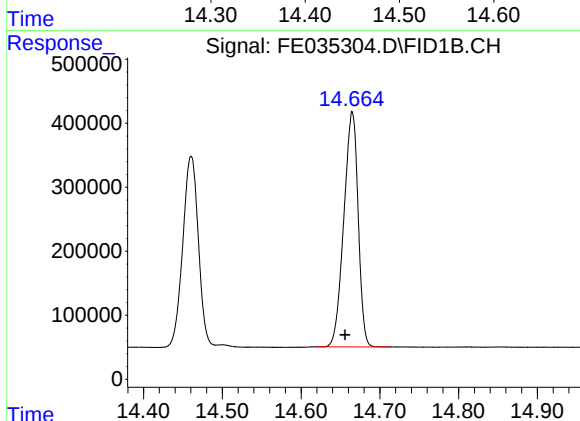
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.460 min
Delta R.T.: 0.008 min
Response: 4033598
Conc: 45.05 ug/ml

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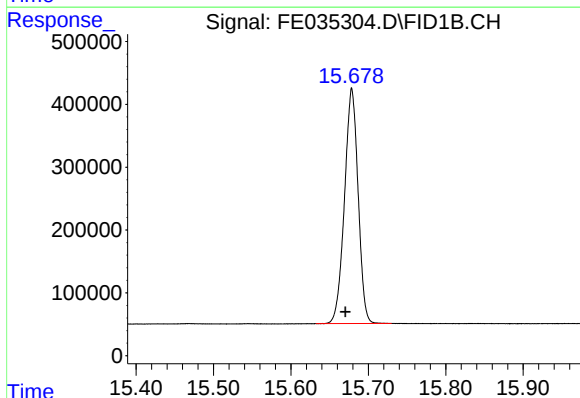
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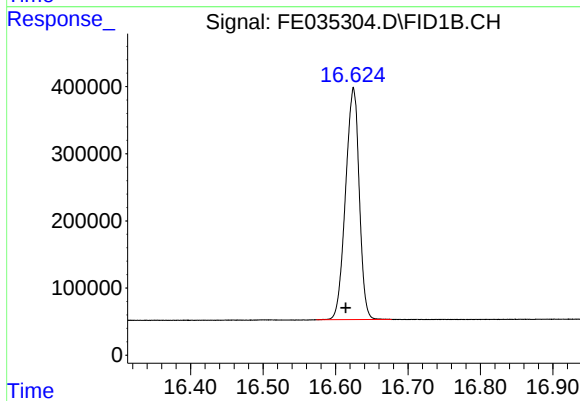
#10 N-TETRACOSANE

R.T.: 14.665 min
Delta R.T.: 0.009 min
Response: 4646349
Conc: 45.92 ug/ml



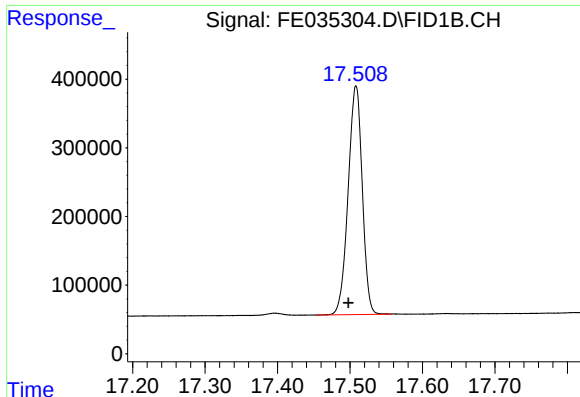
#11 N-HEXACOSANE

R.T.: 15.679 min
Delta R.T.: 0.008 min
Response: 4574856
Conc: 46.92 ug/ml



#12 N-OCTACOSANE

R.T.: 16.625 min
Delta R.T.: 0.011 min
Response: 4536686
Conc: 48.35 ug/ml



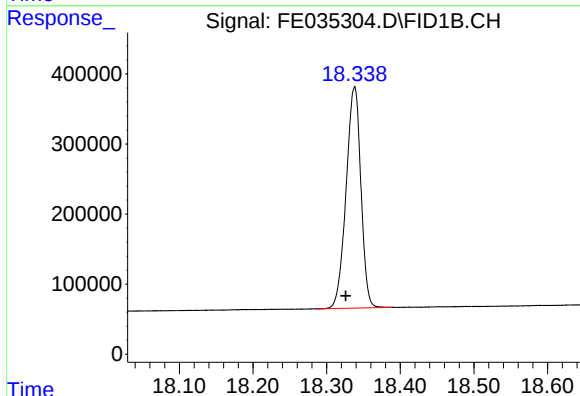
#13 N-TRIACONTANE

R.T.: 17.508 min
Delta R.T.: 0.011 min
Response: 4507327
Conc: 49.76 ug/ml

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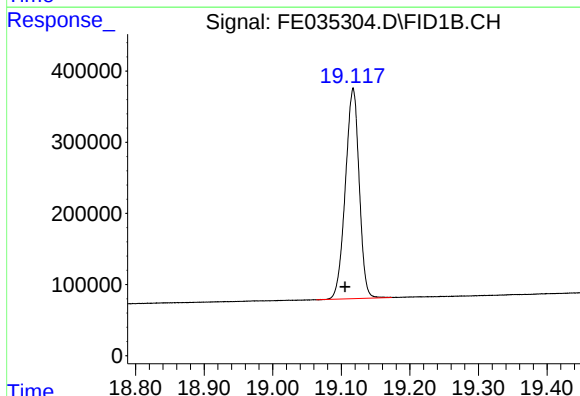
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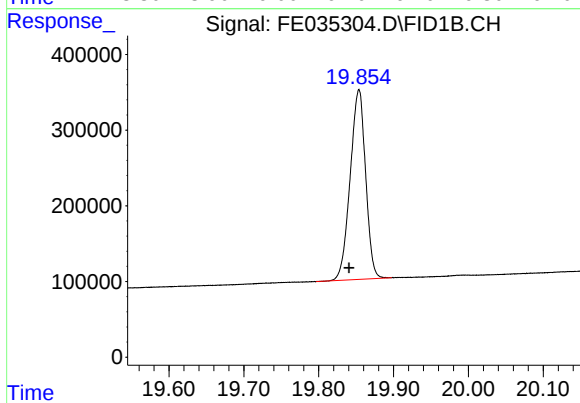
#14 N-DOTRIACONTANE

R.T.: 18.338 min
Delta R.T.: 0.012 min
Response: 4408153
Conc: 50.15 ug/ml



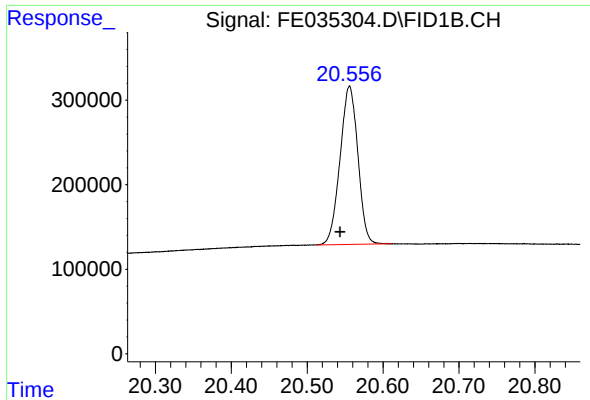
#15 N-TETRATRIACONTANE

R.T.: 19.117 min
Delta R.T.: 0.012 min
Response: 4136965
Conc: 48.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.854 min
Delta R.T.: 0.013 min
Response: 3587314
Conc: 45.39 ug/ml



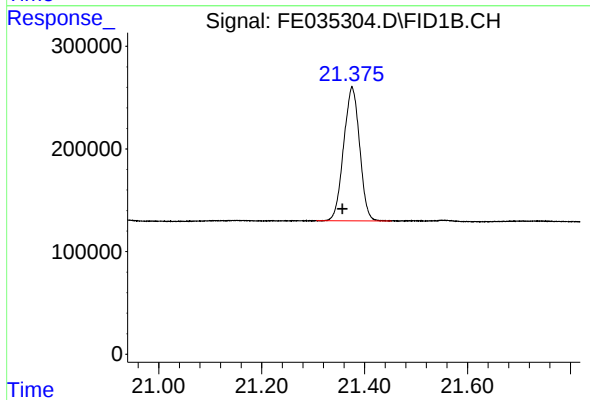
#17 N-OCTATRIACONTANE

R.T.: 20.556 min
Delta R.T.: 0.012 min
Response: 3055195
Conc: 42.98 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.376 min
Delta R.T.: 0.019 min
Response: 2813829
Conc: 40.92 ug/ml