

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035419.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2022 23:58
 Operator : YP\AJ
 Sample : N1970-16MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G-4-5-10-11MSD

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 03:49:39 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...	14.449	1212160	13.537 ug/mlm
Target Compounds			
1) N-OCTANE	2.184	1946961	16.907 ug/ml
2) N-DECANE	4.235	2204753	19.523 ug/ml
3) N-DODECANE	6.243	2220137	20.060 ug/ml
4) N-TETRADECANE	8.029	2233778	19.517 ug/ml
5) N-HEXADECANE	9.623	2300094	20.325 ug/ml
6) N-OCTADECANE	11.058	2173376	19.158 ug/ml
7) N-EICOSANE	12.362	2394478	22.179 ug/ml
8) N-DOCOSANE	13.555	2411470	23.066 ug/ml
10) N-TETRACOSANE	14.652	2086686	20.624 ug/ml
11) N-HEXACOSANE	15.670	2056273	21.090 ug/ml
12) N-OCTACOSANE	16.612	2268118	24.171 ug/ml
13) N-TRIACONTANE	17.496	1917374	21.168 ug/mlm
14) N-DOTRIACONTANE	18.325	1950322	22.190 ug/ml
15) N-TETRATRIACONTANE	19.106	2230542	26.030 ug/mlm
16) N-HEXATRIACONTANE	19.841	2334085	29.536 ug/mlm
17) N-OCTATRIACONTANE	20.544	2276757	32.029 ug/mlm
18) N-TETRACONTANE	21.359	2352922	34.216 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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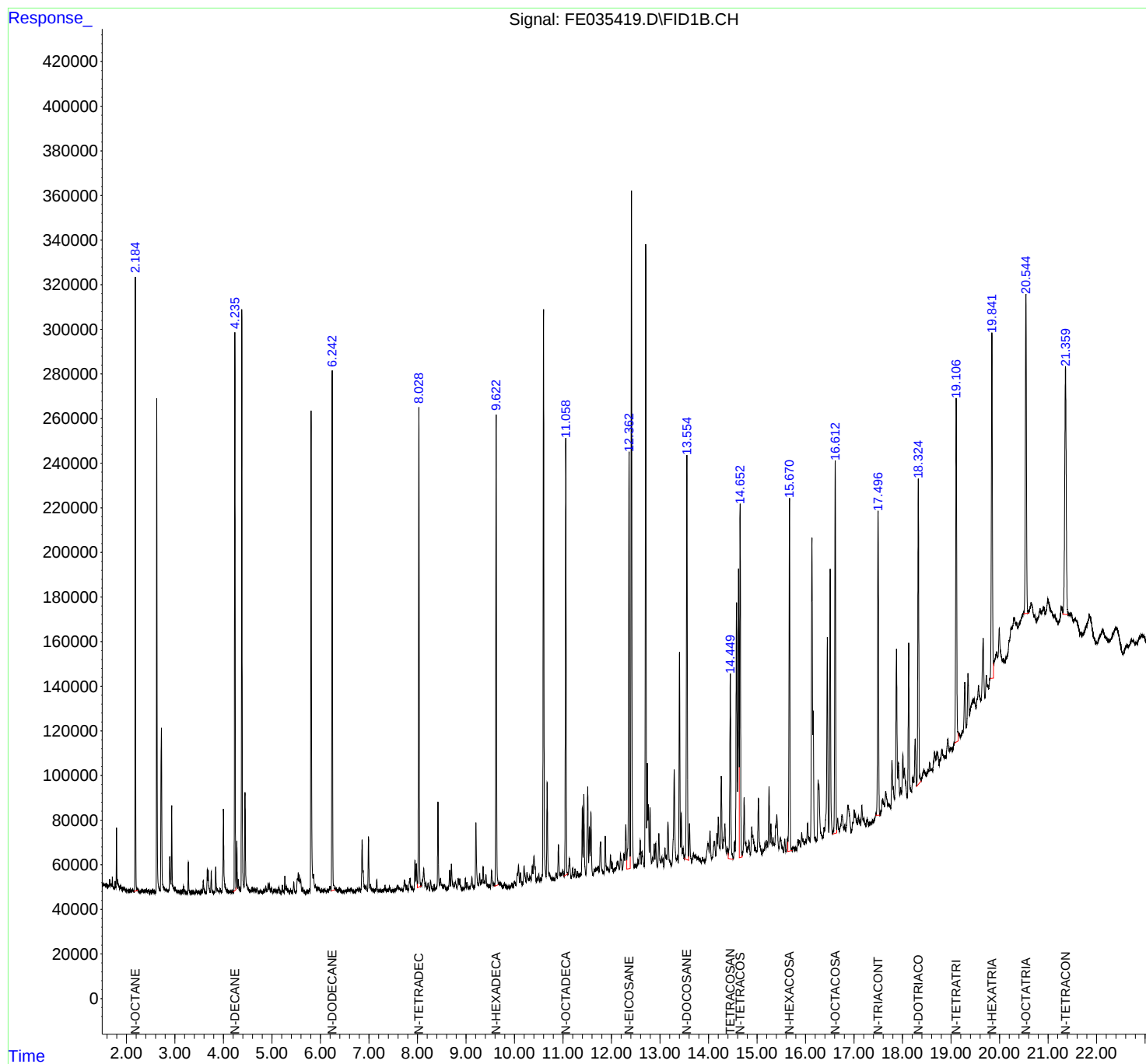
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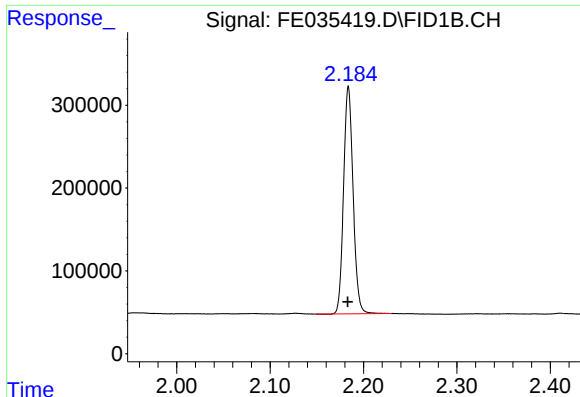
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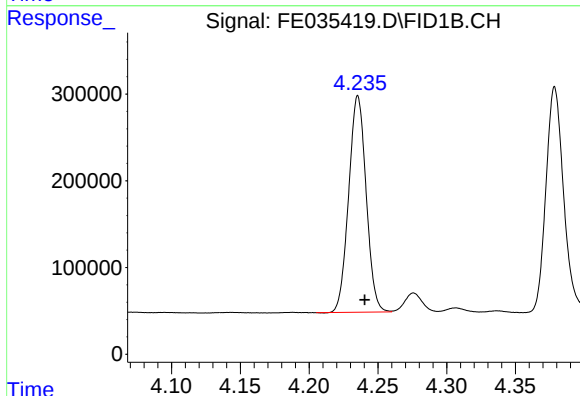
#1 N-OCTANE

R.T.: 2.184 min
Delta R.T.: 0.000 min
Response: 1946961
Conc: 16.91 ug/ml

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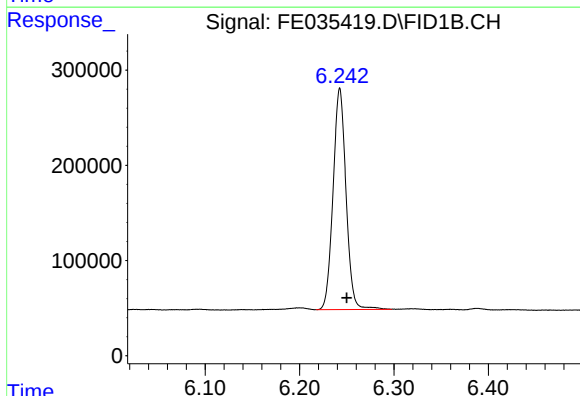
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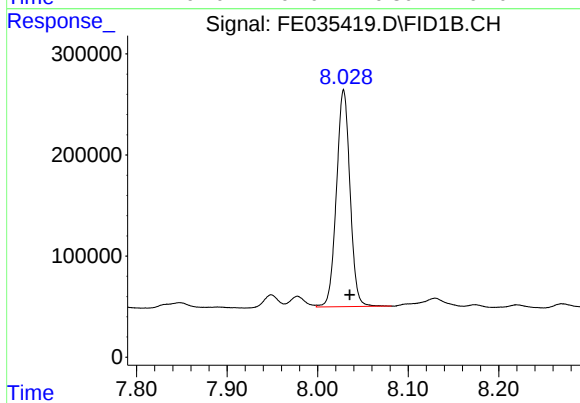
#2 N-DECANE

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 2204753
Conc: 19.52 ug/ml



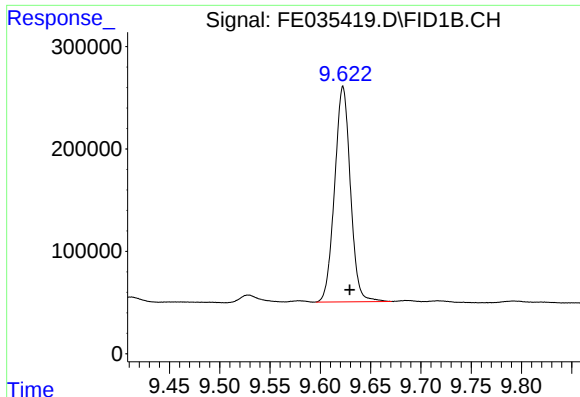
#3 N-DODECANE

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 2220137
Conc: 20.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.029 min
Delta R.T.: -0.007 min
Response: 2233778
Conc: 19.52 ug/ml



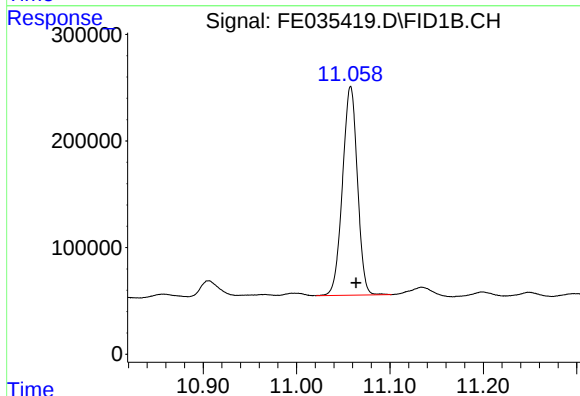
#5 N-HEXADECANE

R.T.: 9.623 min
Delta R.T.: -0.007 min
Response: 2300094
Conc: 20.33 ug/ml

Instrument :
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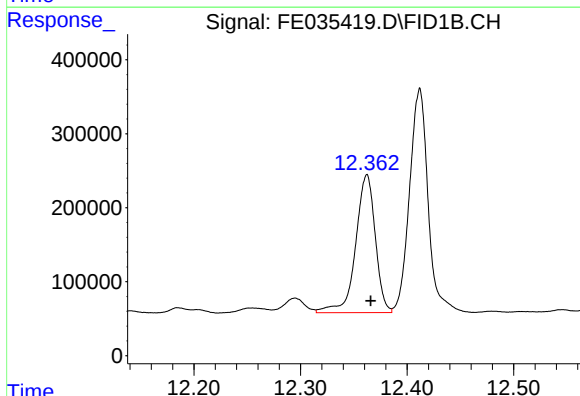
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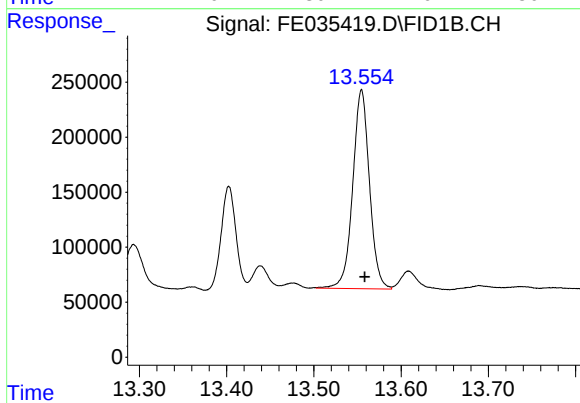
#6 N-OCTADECANE

R.T.: 11.058 min
Delta R.T.: -0.006 min
Response: 2173376
Conc: 19.16 ug/ml



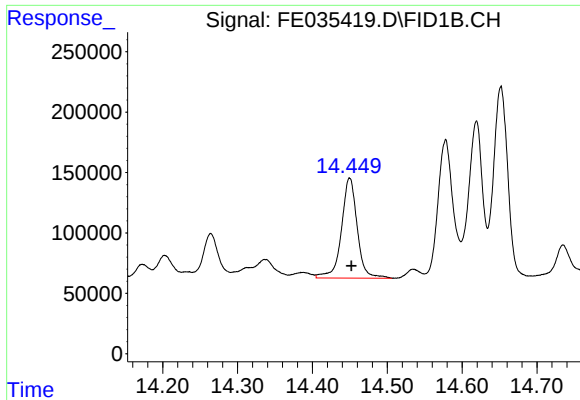
#7 N-EICOSANE

R.T.: 12.362 min
Delta R.T.: -0.003 min
Response: 2394478
Conc: 22.18 ug/ml



#8 N-DOCOSANE

R.T.: 13.555 min
Delta R.T.: -0.003 min
Response: 2411470
Conc: 23.07 ug/ml



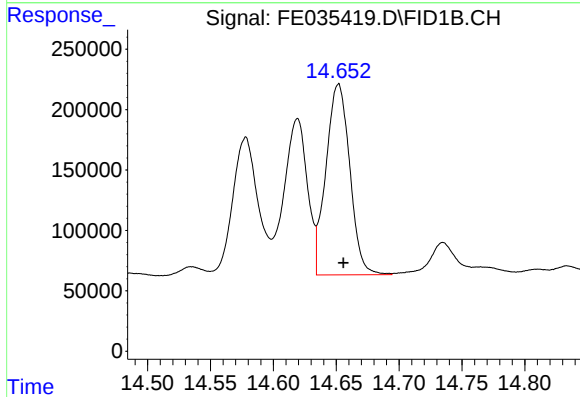
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.449 min
Delta R.T.: -0.003 min
Response: 1212160
Conc: 13.54 ug/ml

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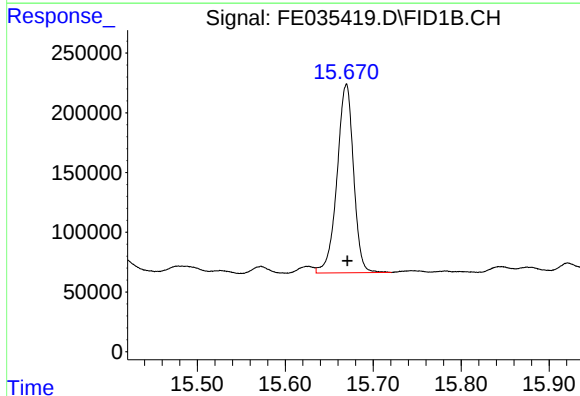
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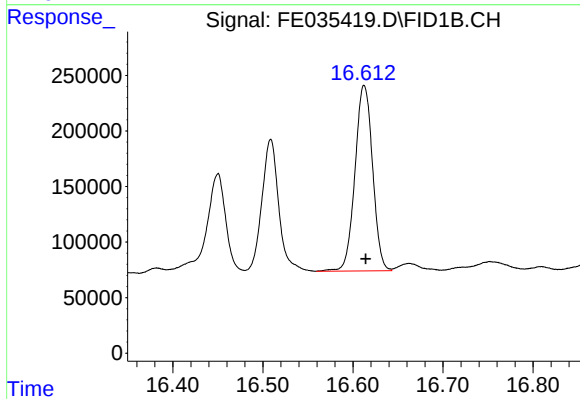
#10 N-TETRACOSANE

R.T.: 14.652 min
Delta R.T.: -0.004 min
Response: 2086686
Conc: 20.62 ug/ml



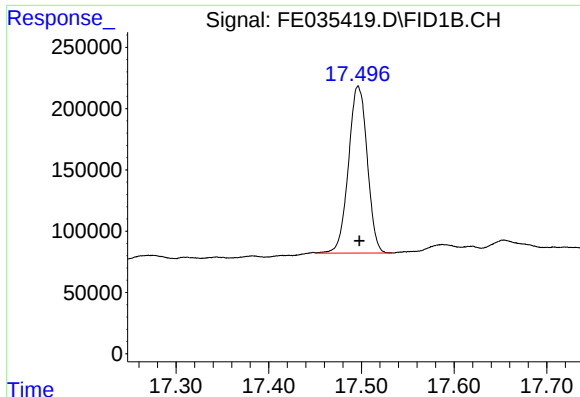
#11 N-HEXACOSANE

R.T.: 15.670 min
Delta R.T.: -0.001 min
Response: 2056273
Conc: 21.09 ug/ml



#12 N-OCTACOSANE

R.T.: 16.612 min
Delta R.T.: -0.002 min
Response: 2268118
Conc: 24.17 ug/ml



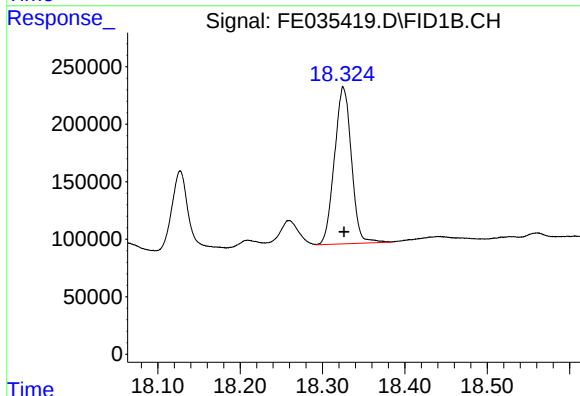
#13 N-TRIACONTANE

R.T.: 17.496 min
Delta R.T.: -0.002 min
Response: 1917374
Conc: 21.17 ug/ml

Instrument :
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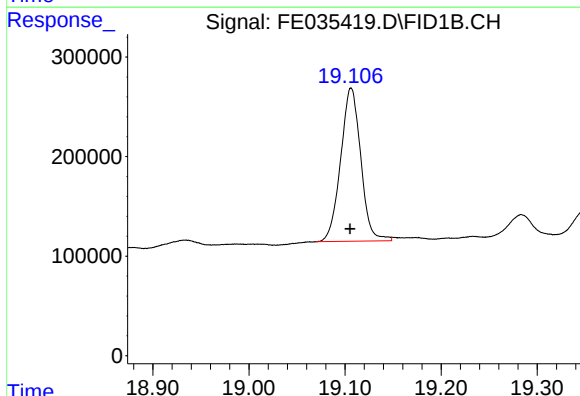
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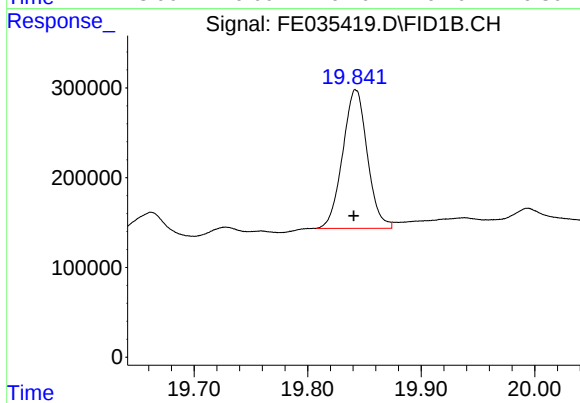
#14 N-DOTRIACONTANE

R.T.: 18.325 min
Delta R.T.: 0.000 min
Response: 1950322
Conc: 22.19 ug/ml



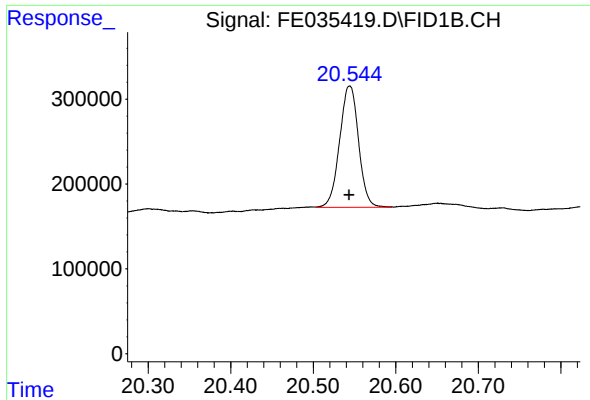
#15 N-TETRATRIACONTANE

R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 2230542
Conc: 26.03 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.841 min
Delta R.T.: 0.000 min
Response: 2334085
Conc: 29.54 ug/ml m



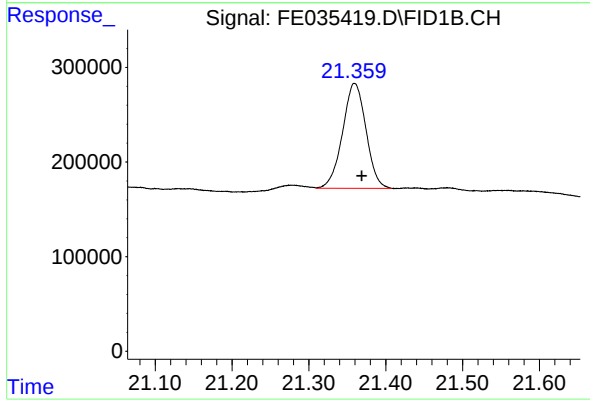
#17 N-OCTATRIACONTANE

R.T.: 20.544 min
Delta R.T.: 0.001 min
Response: 2276757
Conc: 32.03 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.359 min
Delta R.T.: -0.010 min
Response: 2352922
Conc: 34.22 ug/ml m