

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
 Data File : FE035418.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2022 23:26
 Operator : YP\AJ
 Sample : N1970-16MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 03:49:21 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	1154288	12.891 ug/mlm
Target Compounds			
1) N-OCTANE	2.183	1962297	17.040 ug/ml
2) N-DECANE	4.236	2232380	19.767 ug/ml
3) N-DODECANE	6.243	2257486	20.398 ug/ml
4) N-TETRADECANE	8.030	2300453	20.099 ug/ml
5) N-HEXADECANE	9.624	2346667	20.737 ug/ml
6) N-OCTADECANE	11.059	2250516	19.838 ug/ml
7) N-EICOSANE	12.363	2382748	22.070 ug/ml
8) N-DOCOSANE	13.555	2426780	23.213 ug/ml
10) N-TETRACOSANE	14.652	2107944	20.835 ug/ml
11) N-HEXACOSANE	15.669	2064152	21.171 ug/ml
12) N-OCTACOSANE	16.613	2304706	24.561 ug/ml
13) N-TRIACONTANE	17.497	1955708	21.591 ug/mlm
14) N-DOTRIACONTANE	18.326	1940276	22.075 ug/mlm
15) N-TETRATRIACONTANE	19.108	2248005	26.233 ug/mlm
16) N-HEXATRIACONTANE	19.843	2327598	29.454 ug/mlm
17) N-OCTATRIACONTANE	20.546	2415835	33.985 ug/mlm
18) N-TETRACONTANE	21.361	2581452	37.540 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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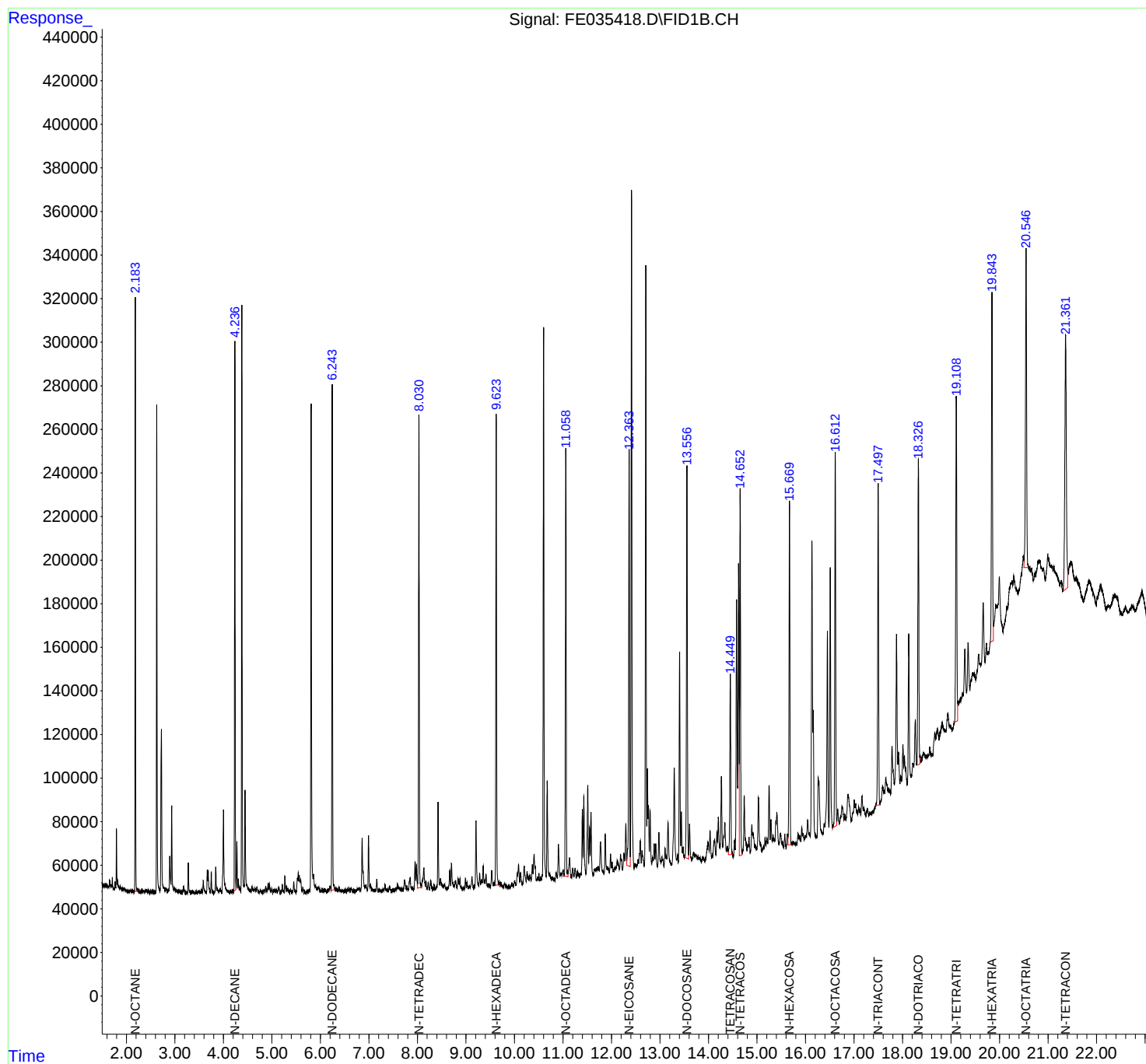
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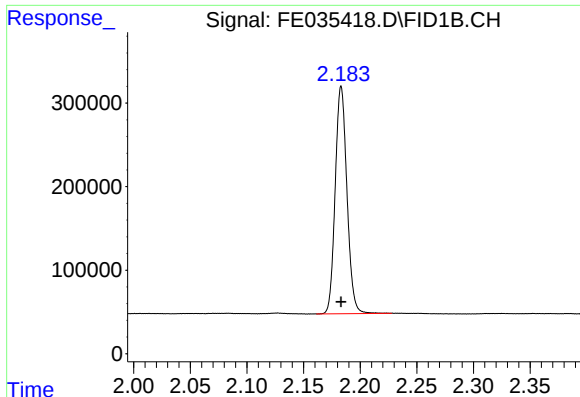
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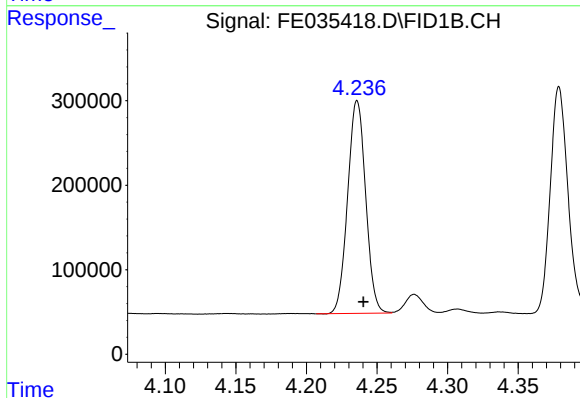
#1 N-OCTANE

R.T.: 2.183 min
Delta R.T.: 0.000 min
Response: 1962297
Conc: 17.04 ug/ml

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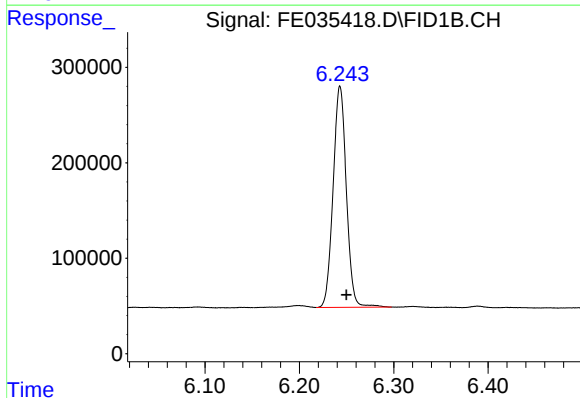
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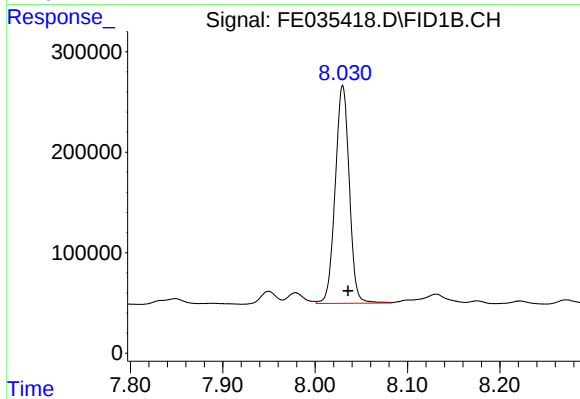
#2 N-DECANE

R.T.: 4.236 min
Delta R.T.: -0.004 min
Response: 2232380
Conc: 19.77 ug/ml



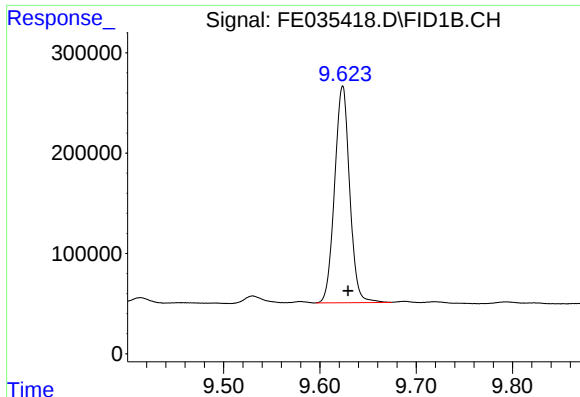
#3 N-DODECANE

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 2257486
Conc: 20.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.030 min
Delta R.T.: -0.006 min
Response: 2300453
Conc: 20.10 ug/ml



#5 N-HEXADECANE

R.T.: 9.624 min
Delta R.T.: -0.005 min
Response: 2346667
Conc: 20.74 ug/ml

Instrument :

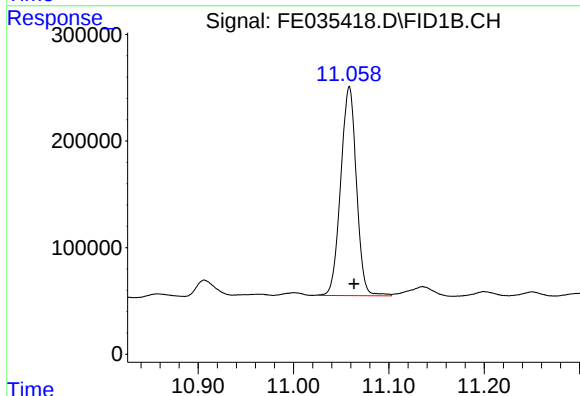
FID_E

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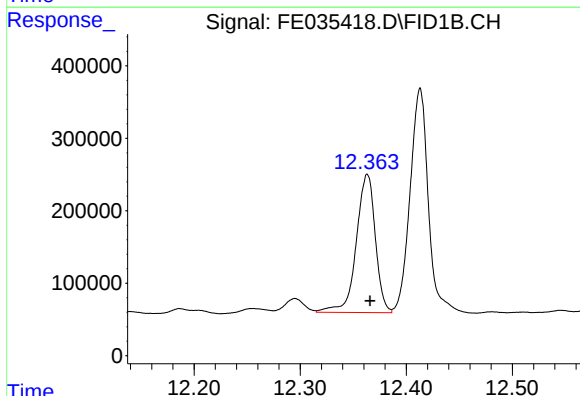
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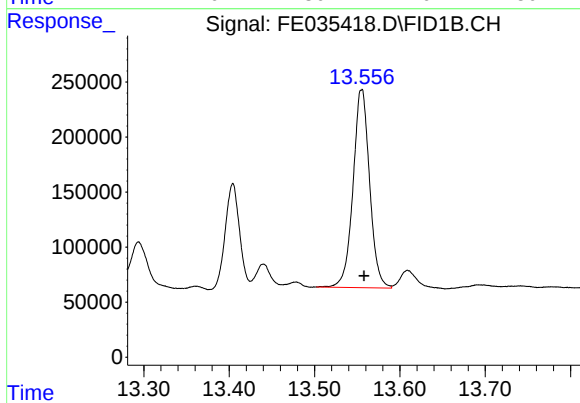
#6 N-OCTADECANE

R.T.: 11.059 min
Delta R.T.: -0.005 min
Response: 2250516
Conc: 19.84 ug/ml



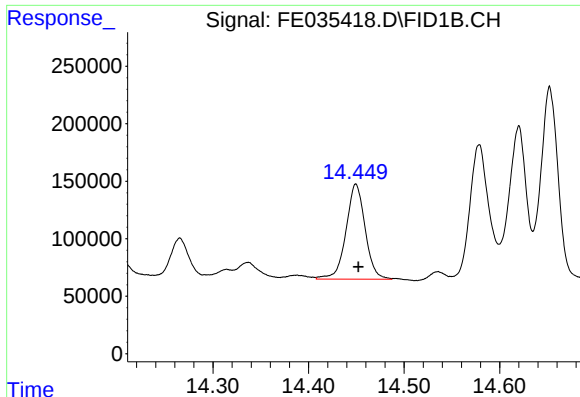
#7 N-EICOSANE

R.T.: 12.363 min
Delta R.T.: -0.002 min
Response: 2382748
Conc: 22.07 ug/ml



#8 N-DOCOSANE

R.T.: 13.555 min
Delta R.T.: -0.003 min
Response: 2426780
Conc: 23.21 ug/ml



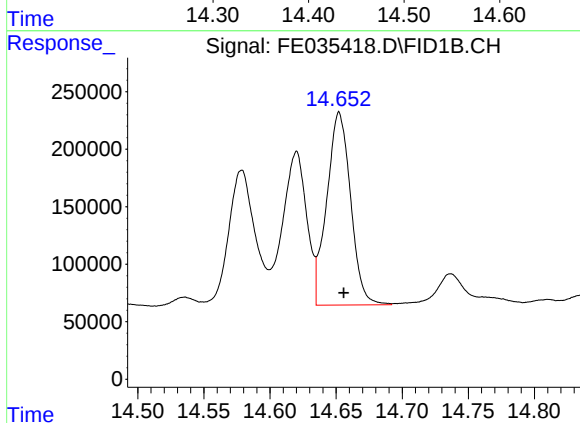
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.449 min
Delta R.T.: -0.003 min
Response: 1154288
Conc: 12.89 ug/ml

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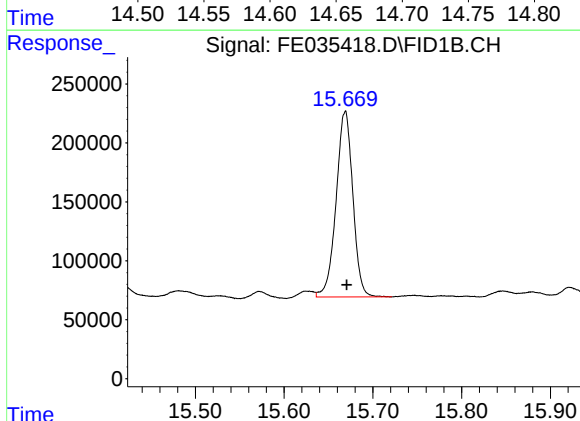
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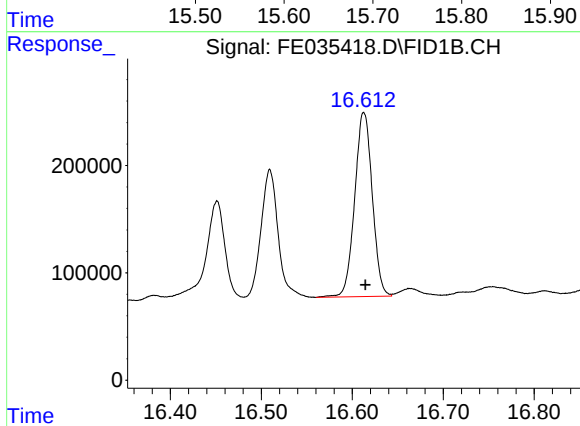
#10 N-TETRACOSANE

R.T.: 14.652 min
Delta R.T.: -0.003 min
Response: 2107944
Conc: 20.83 ug/ml



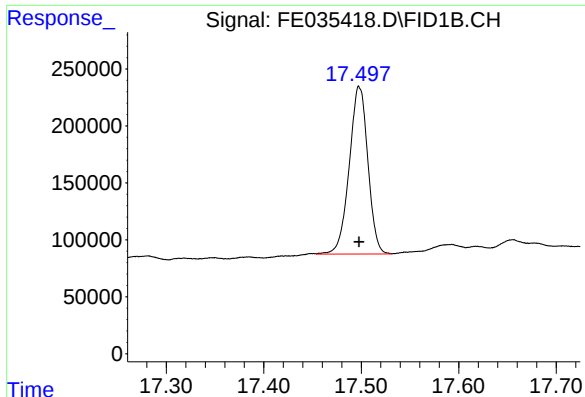
#11 N-HEXACOSANE

R.T.: 15.669 min
Delta R.T.: -0.002 min
Response: 2064152
Conc: 21.17 ug/ml



#12 N-OCTACOSANE

R.T.: 16.613 min
Delta R.T.: -0.002 min
Response: 2304706
Conc: 24.56 ug/ml



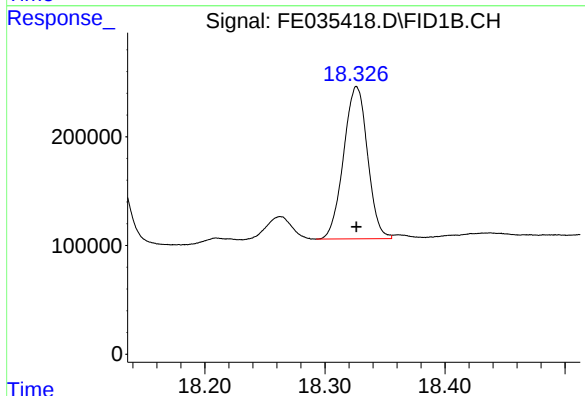
#13 N-TRIACONTANE

R.T.: 17.497 min
Delta R.T.: 0.000 min
Response: 1955708
Conc: 21.59 ug/ml

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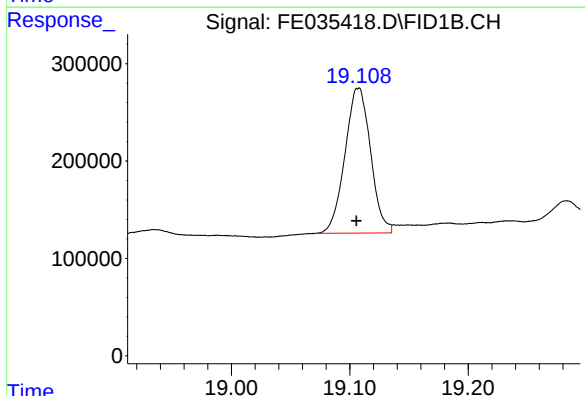
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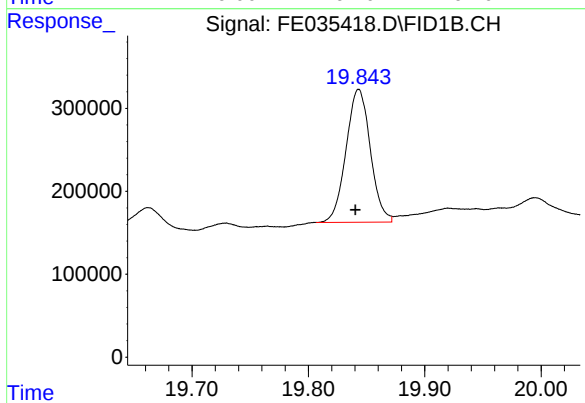
#14 N-DOTRIACONTANE

R.T.: 18.326 min
Delta R.T.: 0.000 min
Response: 1940276
Conc: 22.08 ug/ml m



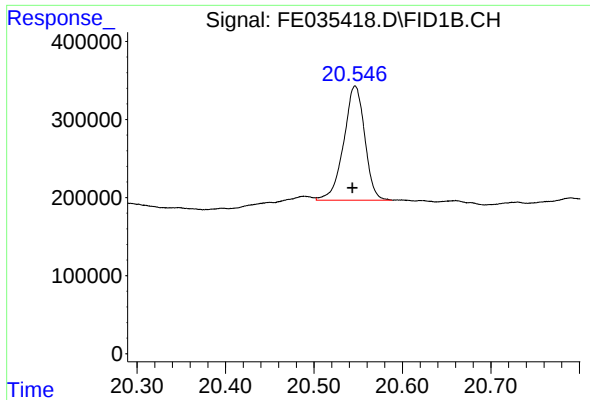
#15 N-TETRATRIACONTANE

R.T.: 19.108 min
Delta R.T.: 0.002 min
Response: 2248005
Conc: 26.23 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.843 min
Delta R.T.: 0.003 min
Response: 2327598
Conc: 29.45 ug/ml m



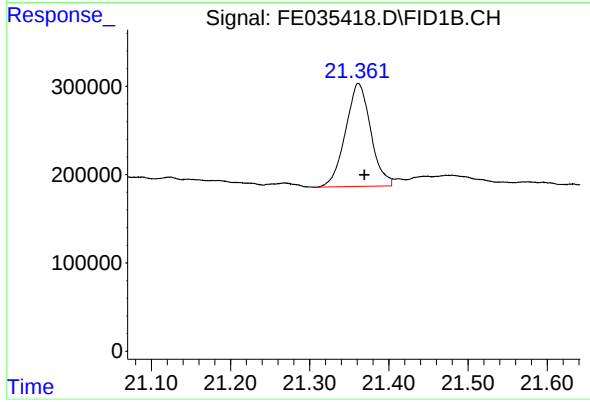
#17 N-OCTATRIACONTANE

R.T.: 20.546 min
Delta R.T.: 0.003 min
Response: 2415835
Conc: 33.99 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.361 min
Delta R.T.: -0.008 min
Response: 2581452
Conc: 37.54 ug/ml m