

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060222AL\
 Data File : FE035875.D
 Signal(s) : FID1B.CH
 Acq On : 02 Jun 2022 21:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 03 01:14:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.951	2565184	19.338 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.383	1989499	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
Target Compounds			
1) T n-Nonane (C9)	2.802	2399509	20.091 ug/ml
2) T n-Decane (C10)	3.817	2374772	20.068 ug/ml
3) T A~Naphthalene (C11.7)	5.384	2618583	19.597 ug/ml
4) T n-Dodecane (C12)	5.807	2379853	19.864 ug/ml
5) T A~2-methylnaphthalene...	6.433	2629017	19.441 ug/ml
6) T n-Tetradecane (C14)	7.596	2353395	19.745 ug/ml
7) T n-Hexadecane (C16)	9.193	2336914	19.599 ug/ml
8) T n-Octadecane (C18)	10.632	2343395	19.549 ug/ml
10) T n-Eicosane (C20)	11.938	2303192	19.306 ug/ml
11) T n-Heneicosane (C21)	12.550	2304846	19.196 ug/ml
13) T n-Docosane (C22)	13.134	2307136	19.158 ug/ml
14) T n-Tetracosane (C24)	14.235	2307496	19.070 ug/ml
15) T n-Hexacosane (C26)	15.253	2263301	18.703 ug/ml
16) T n-Octacosane (C28)	16.202	2254437	18.602 ug/ml
17) T n-Tricontane (C30)	17.087	2213991	18.413 ug/ml
18) T n-Dotriacontane (C32)	17.917	2128469	18.521 ug/ml
19) T n-Tetratriacontane (C34)	18.700	2029866	18.764 ug/ml
20) T n-Hexatriacontane (C36)	19.437	1948159	19.339 ug/ml
21) T n-Octatriacontane (C38)	20.172	1917616	20.127 ug/ml
22) T n-Tetracontane (C40)	21.088	1955242	20.937 ug/ml

(f)=RT Delta > 1/2 Window

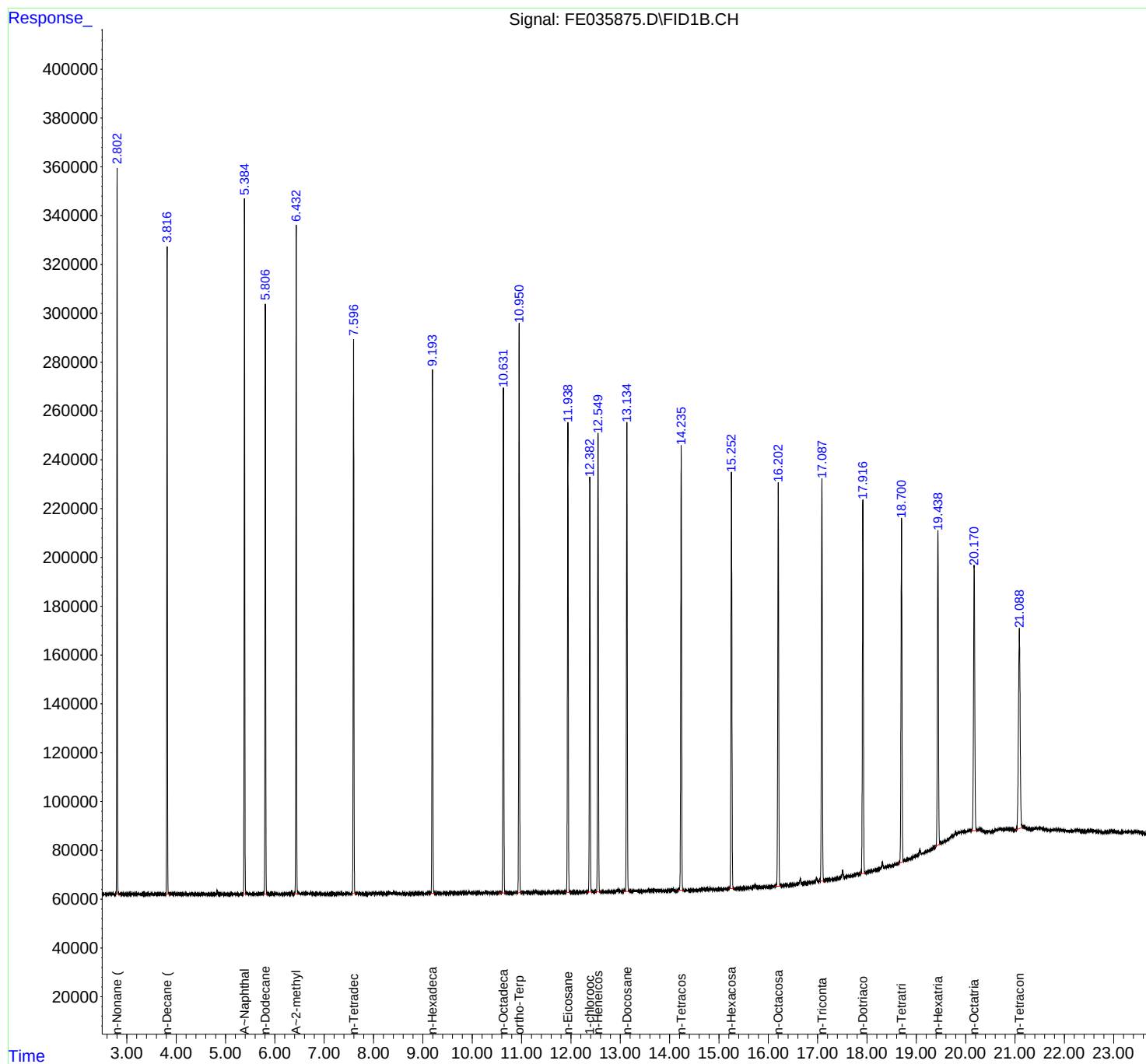
(m)=manual int.

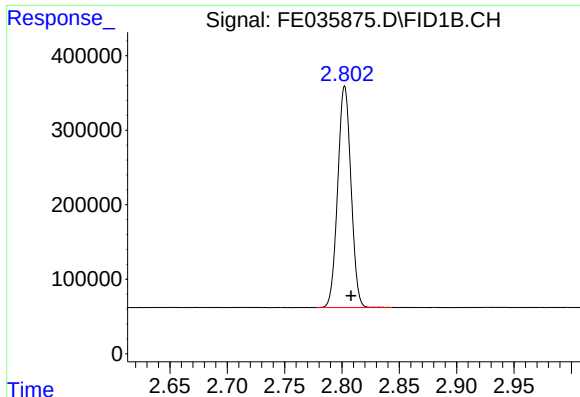
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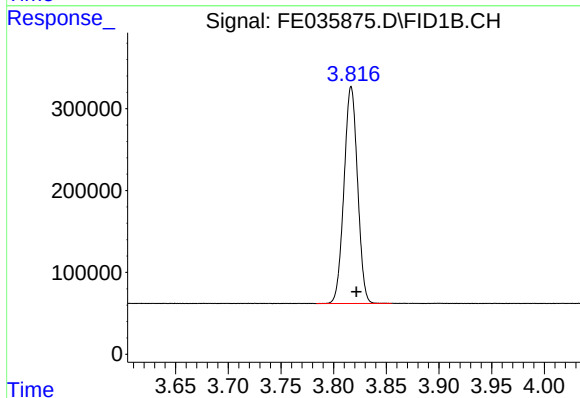




#1 n-Nonane (C9)

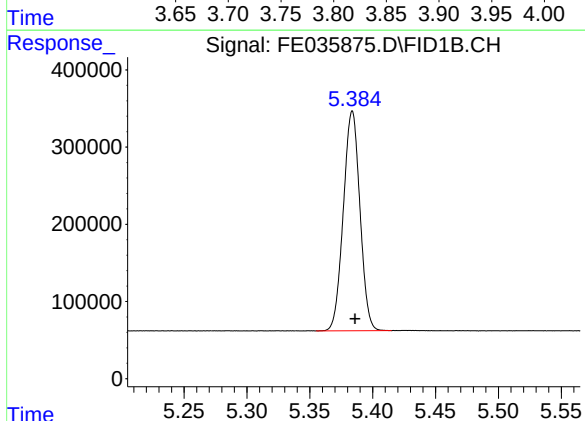
R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2399509
Conc: 20.09 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



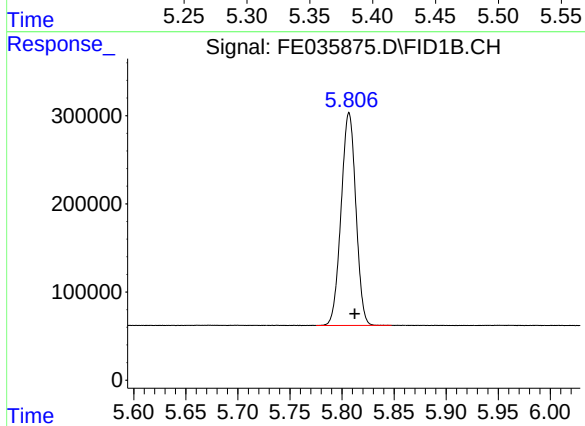
#2 n-Decane (C10)

R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 2374772
Conc: 20.07 ug/ml



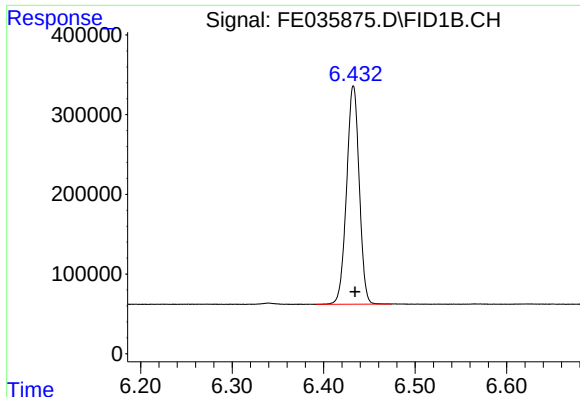
#3 A~Naphthalene (C11.7)

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 2618583
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

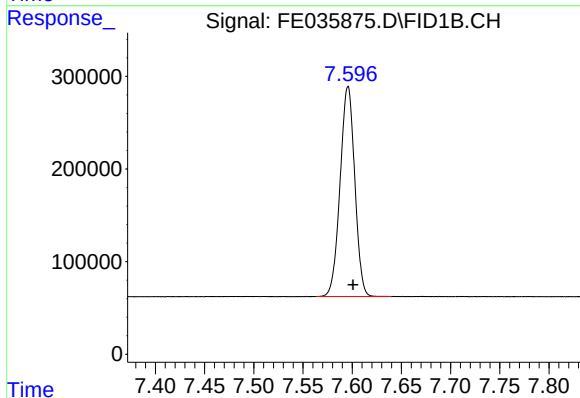
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2379853
Conc: 19.86 ug/ml



#5 A~2-methylnaphthalene (C12.89)

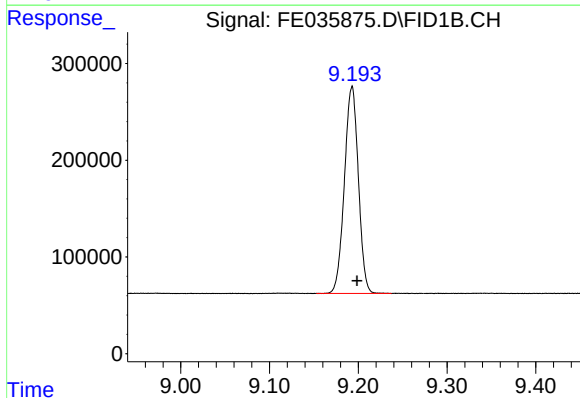
R.T.: 6.433 min
Delta R.T.: -0.002 min
Response: 2629017
Conc: 19.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



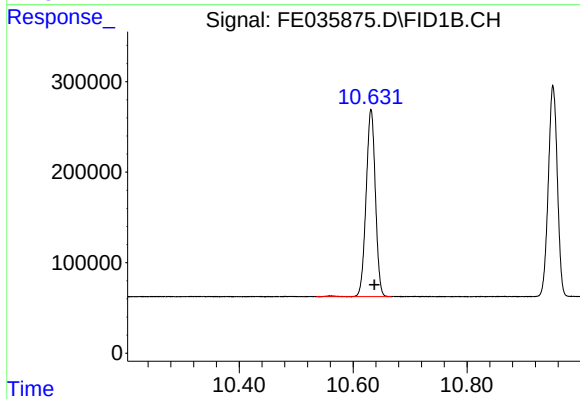
#6 n-Tetradecane (C14)

R.T.: 7.596 min
Delta R.T.: -0.005 min
Response: 2353395
Conc: 19.75 ug/ml



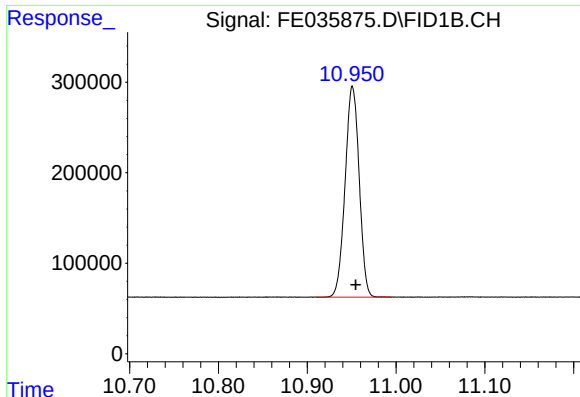
#7 n-Hexadecane (C16)

R.T.: 9.193 min
Delta R.T.: -0.006 min
Response: 2336914
Conc: 19.60 ug/ml



#8 n-Octadecane (C18)

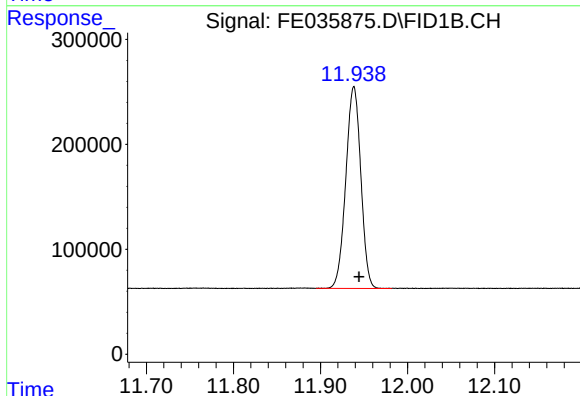
R.T.: 10.632 min
Delta R.T.: -0.006 min
Response: 2343395
Conc: 19.55 ug/ml



#9 ortho-Terphenyl (SURR)

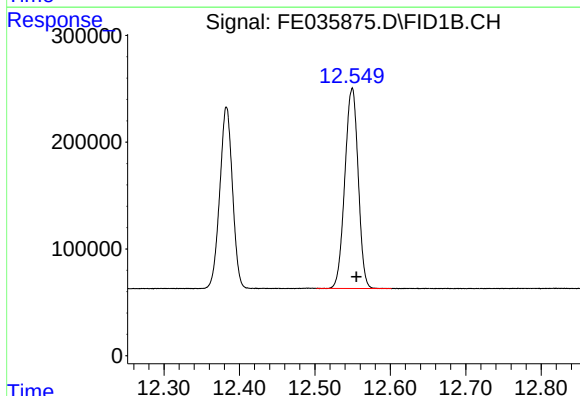
R.T.: 10.951 min
Delta R.T.: -0.004 min
Response: 2565184
Conc: 19.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



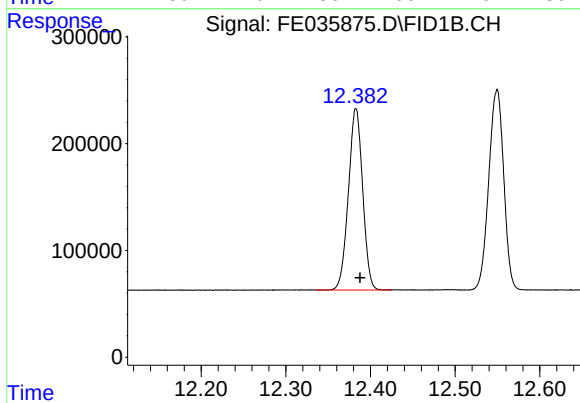
#10 n-Eicosane (C20)

R.T.: 11.938 min
Delta R.T.: -0.006 min
Response: 2303192
Conc: 19.31 ug/ml



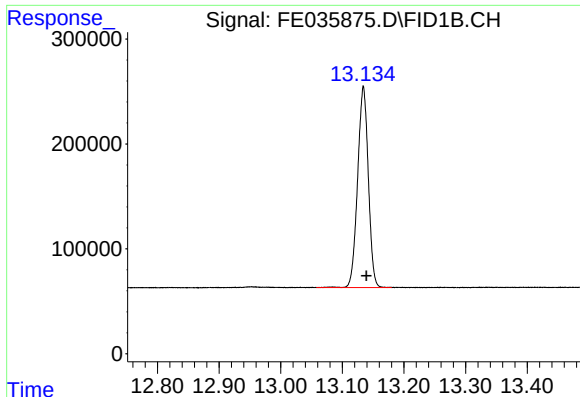
#11 n-Heneicosane (C21)

R.T.: 12.550 min
Delta R.T.: -0.005 min
Response: 2304846
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

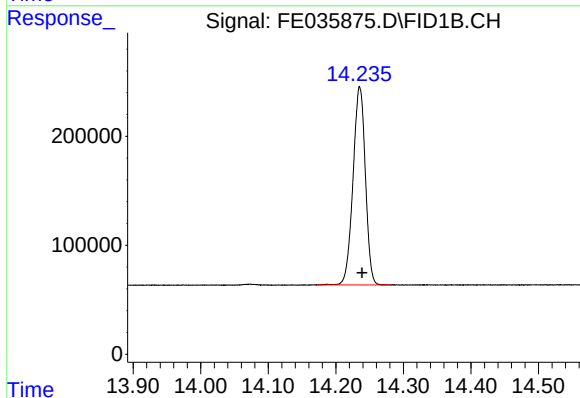
R.T.: 12.383 min
Delta R.T.: -0.005 min
Response: 1989499
Conc: 19.02 ug/ml



#13 n-Docosane (C22)

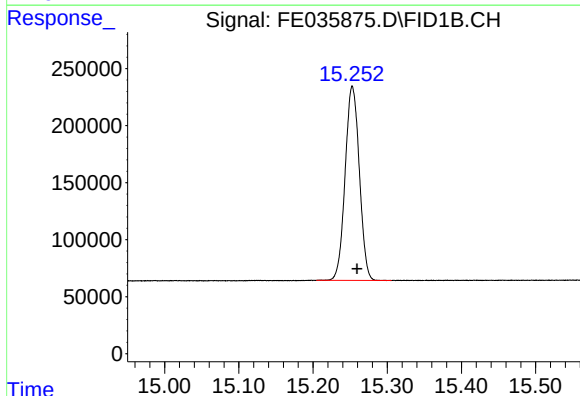
R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2307136
Conc: 19.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



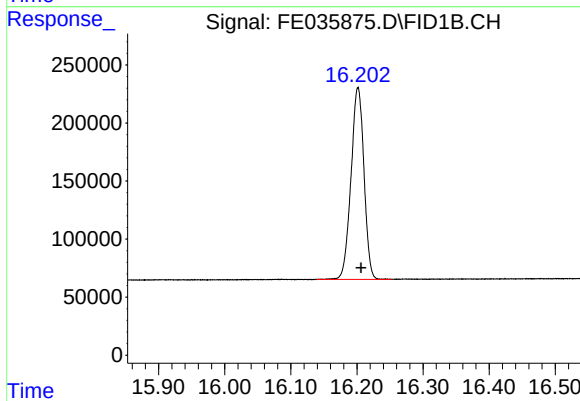
#14 n-Tetracosane (C24)

R.T.: 14.235 min
Delta R.T.: -0.003 min
Response: 2307496
Conc: 19.07 ug/ml



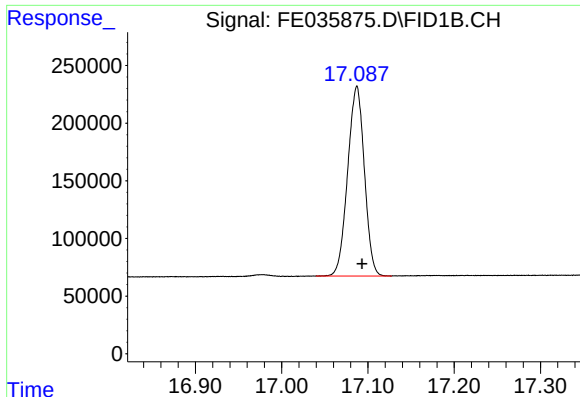
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.006 min
Response: 2263301
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

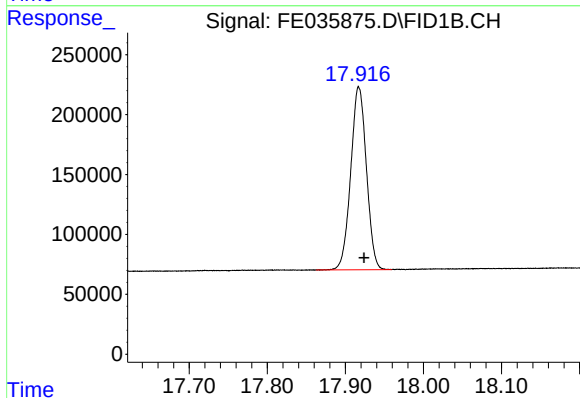
R.T.: 16.202 min
Delta R.T.: -0.005 min
Response: 2254437
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

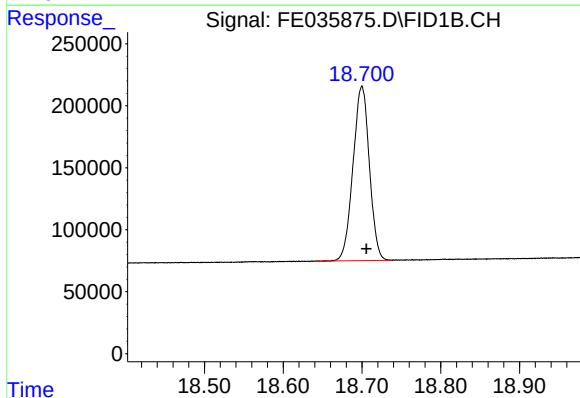
R.T.: 17.087 min
Delta R.T.: -0.006 min
Response: 2213991
Conc: 18.41 ug/ml

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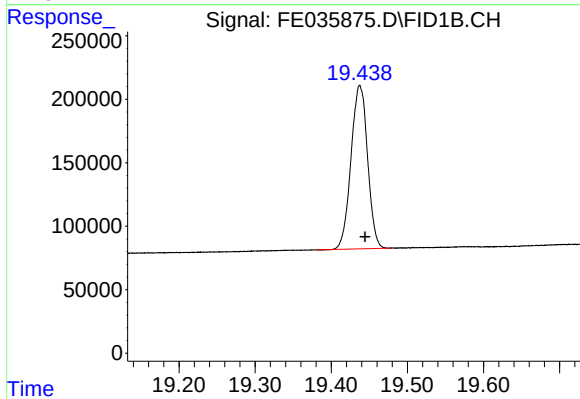
#18 n-Dotriacontane (C32)

R.T.: 17.917 min
Delta R.T.: -0.007 min
Response: 2128469
Conc: 18.52 ug/ml



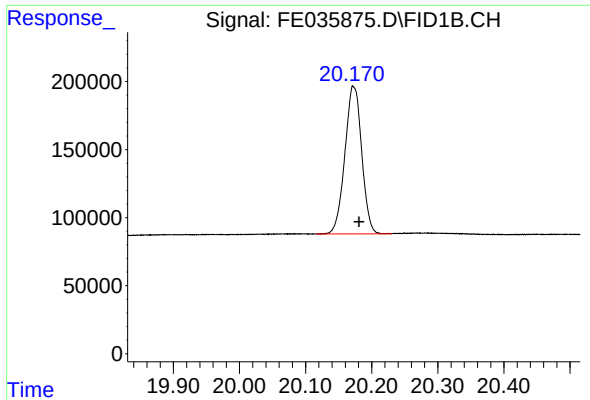
#19 n-Tetratriacontane (C34)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 2029866
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

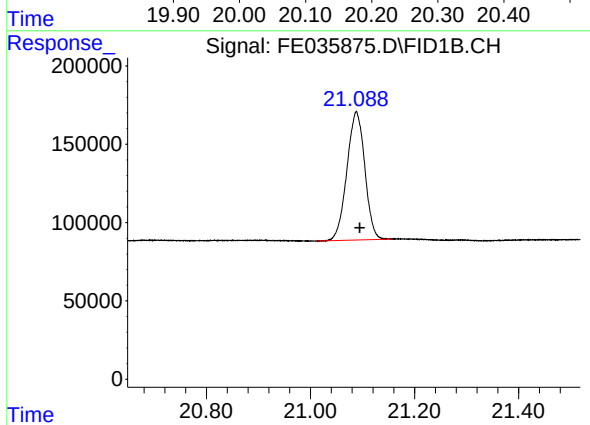
R.T.: 19.437 min
Delta R.T.: -0.007 min
Response: 1948159
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.172 min
Delta R.T.: -0.009 min
Response: 1917616
Conc: 20.13 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.088 min
Delta R.T.: -0.007 min
Response: 1955242
Conc: 20.94 ug/ml