

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035116.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 21:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 22 02:02:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:24:23 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)	11.735	20481346	20.526 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.149	15938857	20.523 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.617	16952047	20.655 ug/ml
2) T n-Decane (C10)	4.613	17428888	20.580 ug/ml
3) T A~Naphthalene (C11.7)	6.167	19356499	20.513 ug/ml
4) T n-Dodecane (C12)	6.586	18043557	20.546 ug/ml
5) T A~2-methylnaphthalene...	7.217	19536843	20.513 ug/ml
6) T n-Tetradecane (C14)	8.370	18091411	20.579 ug/ml
7) T n-Hexadecane (C16)	9.964	18375110	20.618 ug/ml
8) T n-Octadecane (C18)	11.404	18571014	20.587 ug/ml
10) T n-Eicosane (C20)	12.705	18459338	20.573 ug/ml
11) T n-Heneicosane (C21)	13.315	18490972	20.557 ug/ml
13) T n-Docosane (C22)	13.899	18399546	20.546 ug/ml
14) T n-Tetracosane (C24)	14.997	18045217	20.492 ug/ml
15) T n-Hexacosane (C26)	16.012	17276901	20.473 ug/ml
16) T n-Octacosane (C28)	16.955	16072819	20.471 ug/ml
17) T n-Tricontane (C30)	17.838	14278119	20.497 ug/ml
18) T n-Dotriacontane (C32)	18.665	11725097	20.773 ug/ml
19) T n-Tetratriacontane (C34)	19.441	8913478	21.392 ug/ml
20) T n-Hexatriacontane (C36)	20.175	6273347	22.375 ug/ml
21) T n-Octatriacontane (C38)	20.921	4301845	23.495 ug/ml
22) T n-Tetracontane (C40)	21.848	3027691	24.301 ug/ml

(f)=RT Delta > 1/2 Window

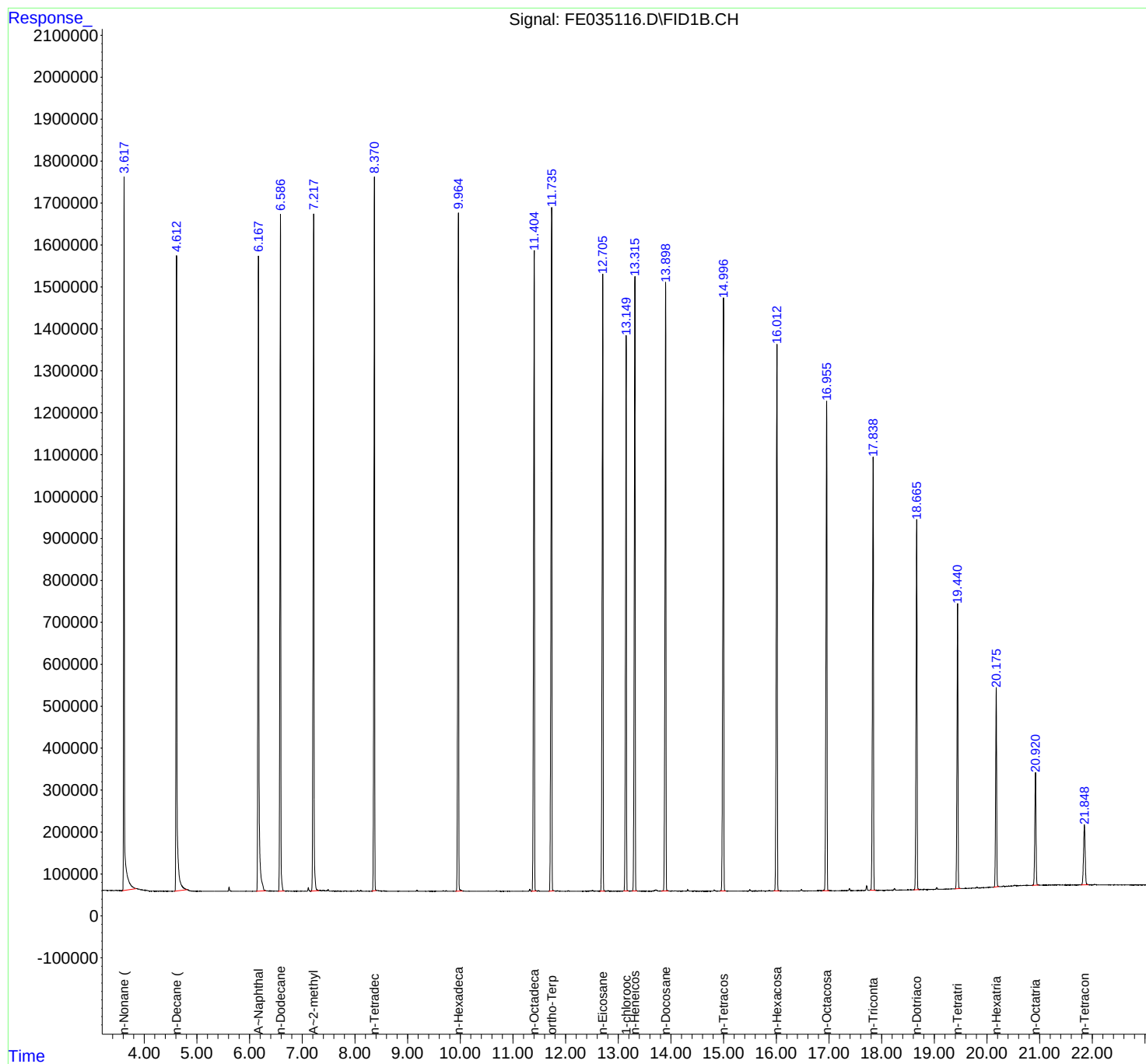
(m)=manual int.

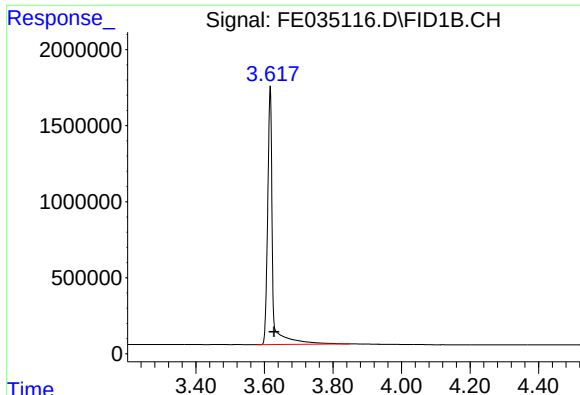
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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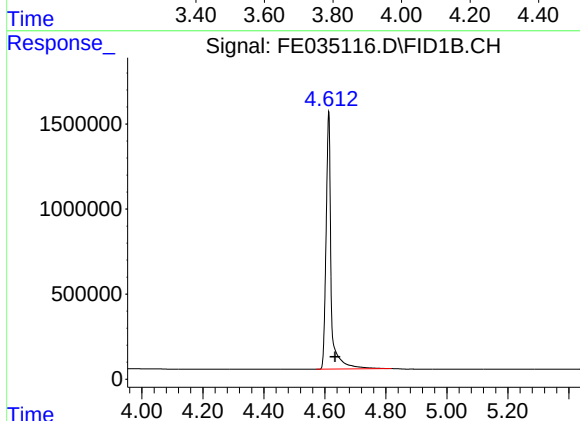




#1 n-Nonane (C9)

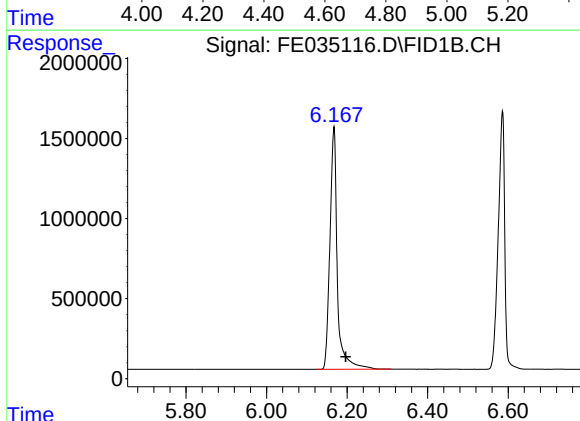
R.T.: 3.617 min
Delta R.T.: -0.011 min
Response: 16952047
Conc: 20.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



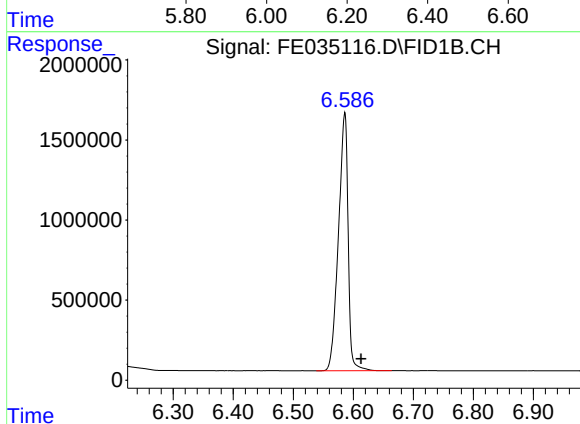
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.021 min
Response: 17428888
Conc: 20.58 ug/ml



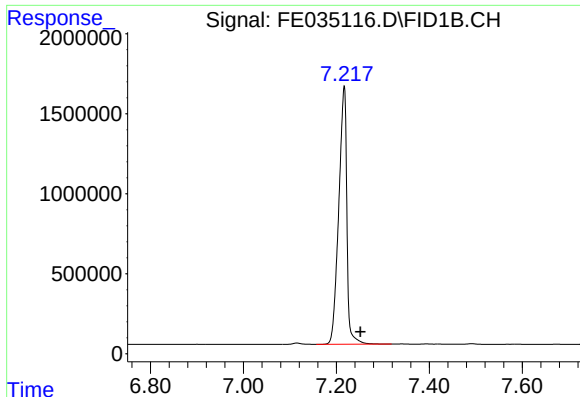
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.029 min
Response: 19356499
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

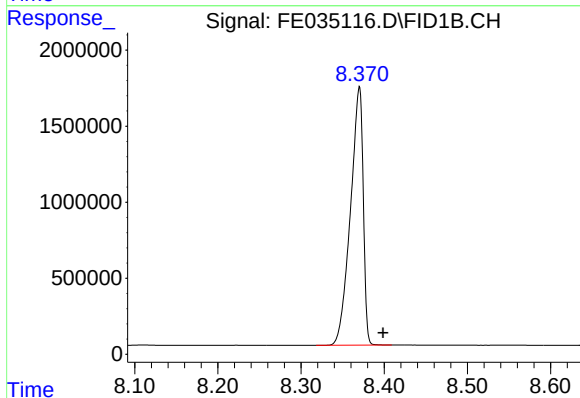
R.T.: 6.586 min
Delta R.T.: -0.027 min
Response: 18043557
Conc: 20.55 ug/ml



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

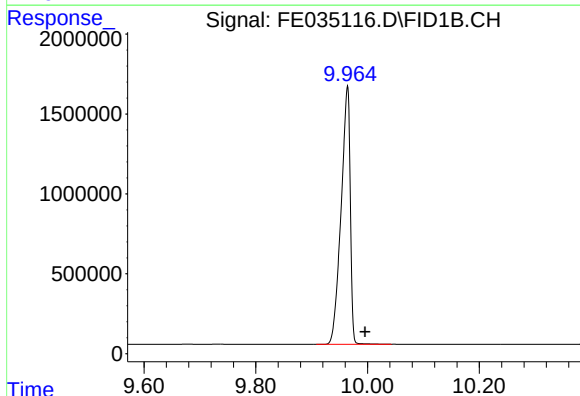
R.T.: 7.217 min
Delta R.T.: -0.035 min
Response: 19536843
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



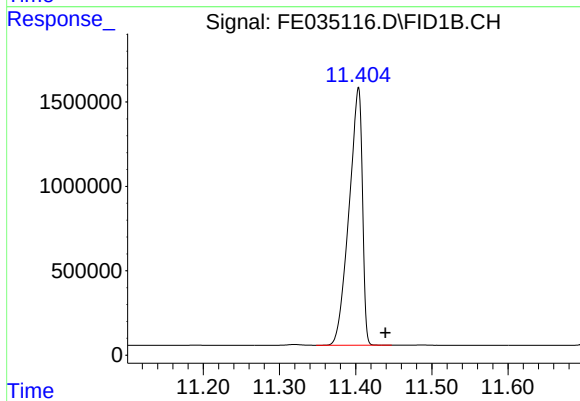
#6 n-Tetradecane (C14)

R.T.: 8.370 min
Delta R.T.: -0.029 min
Response: 18091411
Conc: 20.58 ug/ml



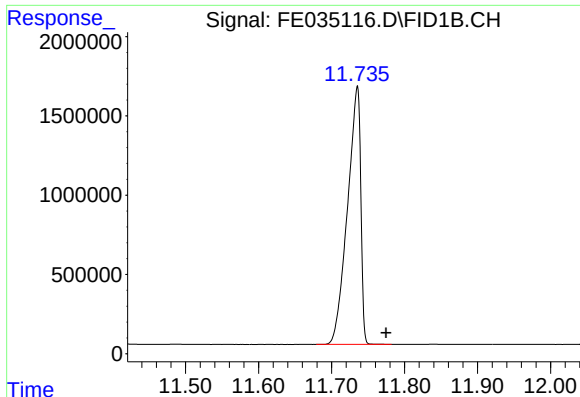
#7 n-Hexadecane (C16)

R.T.: 9.964 min
Delta R.T.: -0.031 min
Response: 18375110
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

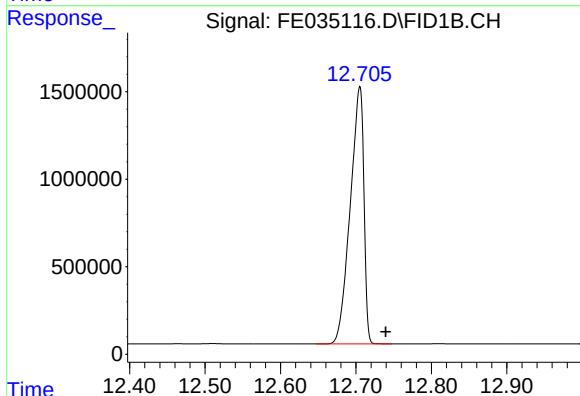
R.T.: 11.404 min
Delta R.T.: -0.035 min
Response: 18571014
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

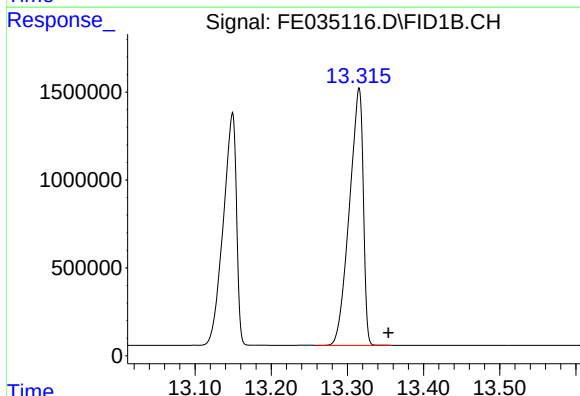
R.T.: 11.735 min
Delta R.T.: -0.040 min
Response: 20481346
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



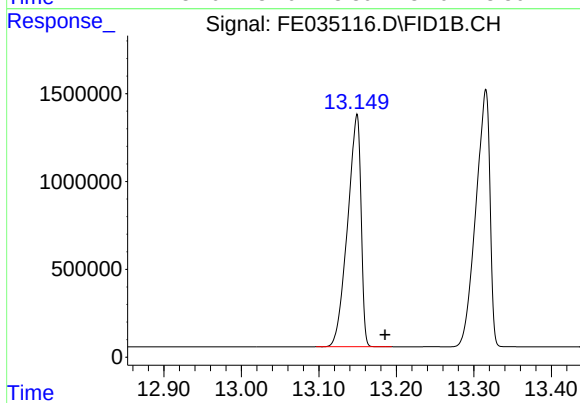
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.035 min
Response: 18459338
Conc: 20.57 ug/ml



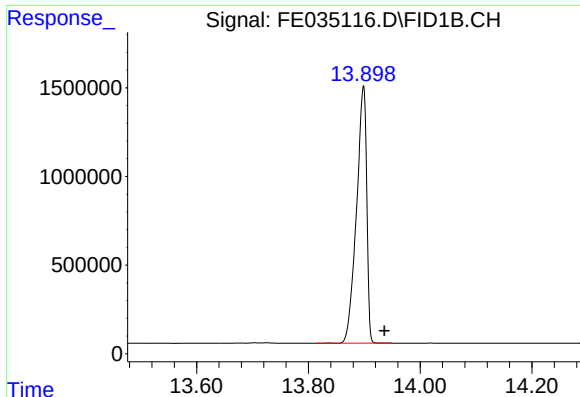
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.038 min
Response: 18490972
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

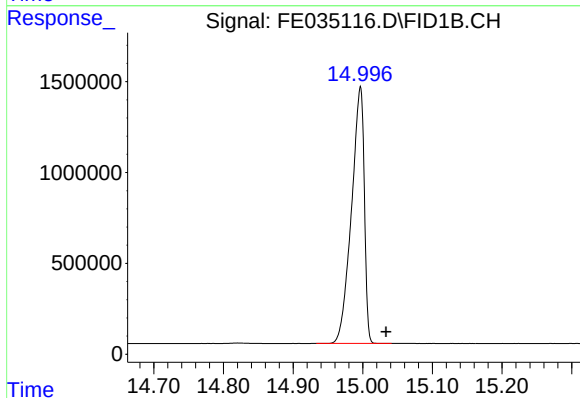
R.T.: 13.149 min
Delta R.T.: -0.036 min
Response: 15938857
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

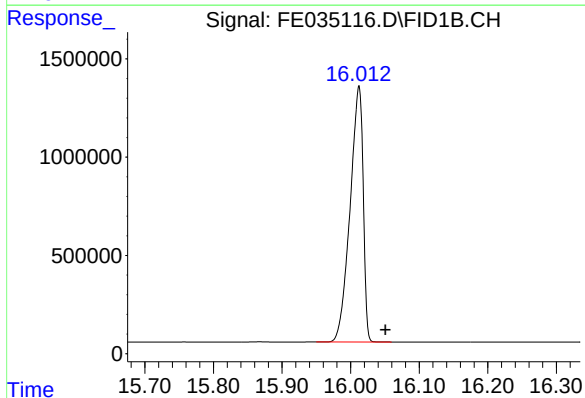
R.T.: 13.899 min
Delta R.T.: -0.037 min
Response: 18399546
Conc: 20.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



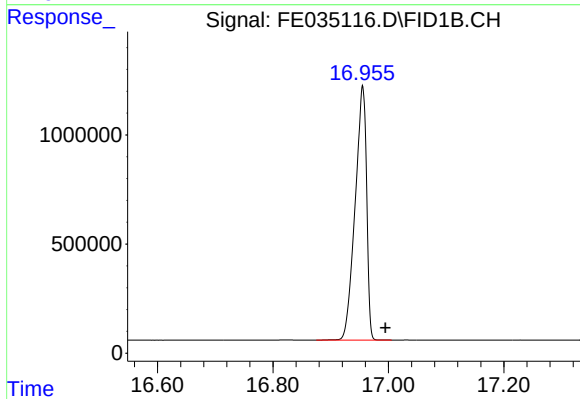
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.037 min
Response: 18045217
Conc: 20.49 ug/ml



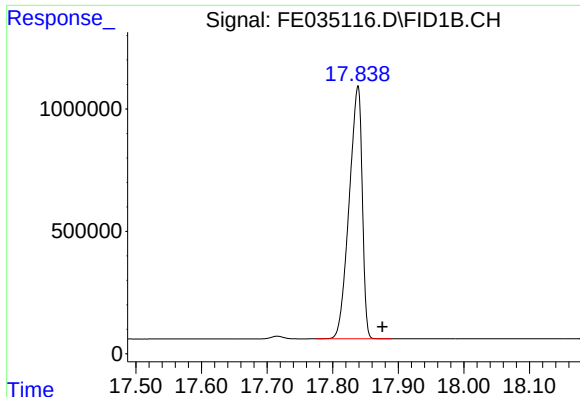
#15 n-Hexacosane (C26)

R.T.: 16.012 min
Delta R.T.: -0.038 min
Response: 17276901
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

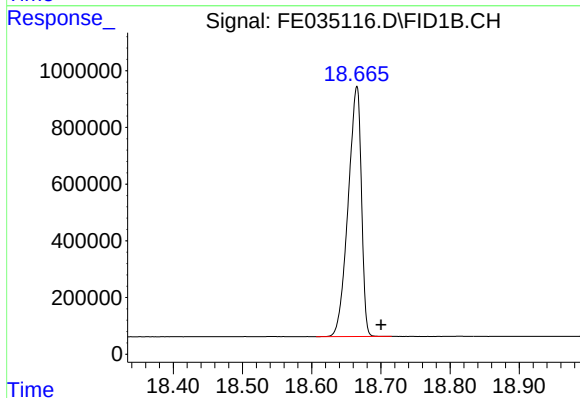
R.T.: 16.955 min
Delta R.T.: -0.040 min
Response: 16072819
Conc: 20.47 ug/ml



#17 n-Tricontane (C30)

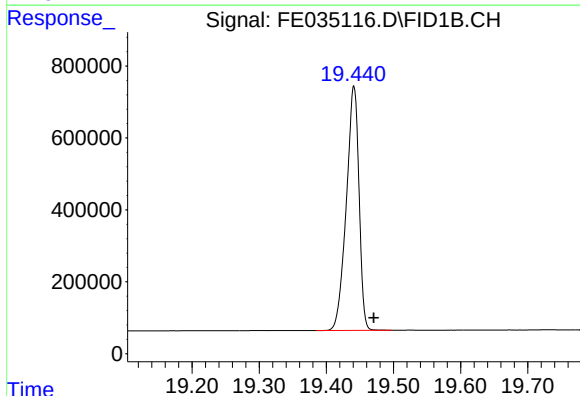
R.T.: 17.838 min
Delta R.T.: -0.037 min
Response: 14278119
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



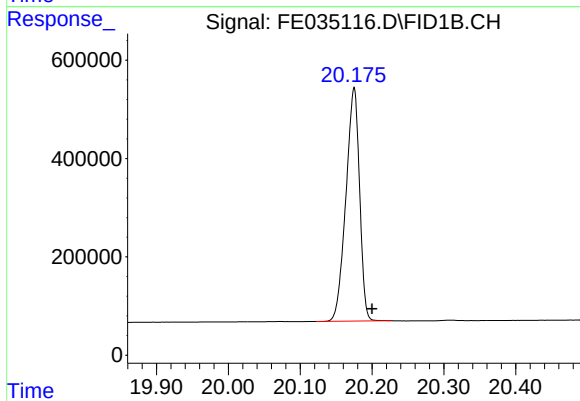
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.035 min
Response: 11725097
Conc: 20.77 ug/ml



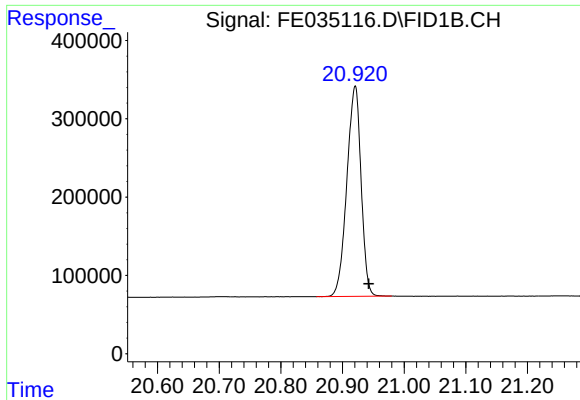
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.030 min
Response: 8913478
Conc: 21.39 ug/ml



#20 n-Hexatriacontane (C36)

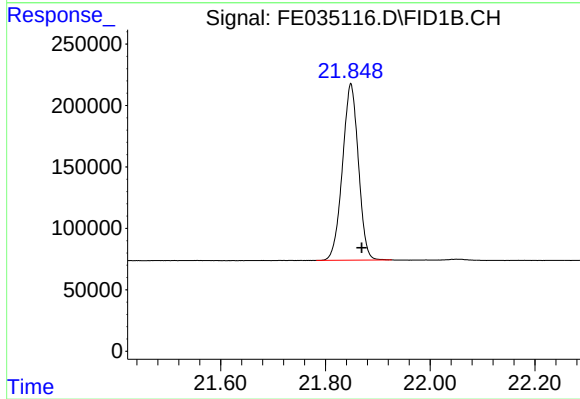
R.T.: 20.175 min
Delta R.T.: -0.025 min
Response: 6273347
Conc: 22.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.022 min
Response: 4301845
Conc: 23.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: -0.021 min
Response: 3027691
Conc: 24.30 ug/ml