

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AL\
 Data File : FD041005.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 14:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 14 15:05:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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)	11.232	577334	20.656 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
12) S 1-chlorooctadecane (S...	12.672	438722	20.956 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
Target Compounds			
1) T n-Nonane (C9)	3.082	473920	21.042 ug/ml
2) T n-Decane (C10)	4.140	479550	21.308 ug/ml
3) T A~Naphthalene (C11.7)	5.696	467948	21.059 ug/ml
4) T n-Dodecane (C12)	6.142	491411	21.402 ug/ml
5) T A~2-methylnaphthalene...	6.742	463402	21.573 ug/ml
6) T n-Tetradecane (C14)	7.918	504536	21.425 ug/ml
7) T n-Hexadecane (C16)	9.506	512140	21.302 ug/ml
8) T n-Octadecane (C18)	10.936	528627	21.065 ug/ml
10) T n-Eicosane (C20)	12.236	523498	20.902 ug/ml
11) T n-Heneicosane (C21)	12.844	528240	20.800 ug/ml
13) T n-Docosane (C22)	13.426	521405	20.831 ug/ml
14) T n-Tetracosane (C24)	14.523	528358	21.274 ug/ml
15) T n-Hexacosane (C26)	15.537	529032	21.822 ug/ml
16) T n-Octacosane (C28)	16.481	540889	22.463 ug/ml
17) T n-Tricontane (C30)	17.364	558838	23.453 ug/ml
18) T n-Dotriacontane (C32)	18.192	535182	23.862 ug/ml
19) T n-Tetratriacontane (C34)	18.972	491942	22.828 ug/ml
20) T n-Hexatriacontane (C36)	19.707	447291	22.496 ug/ml
21) T n-Octatriacontane (C38)	20.405	414410	21.873 ug/ml
22) T n-Tetracontane (C40)	21.185	410464	21.206 ug/ml

(f)=RT Delta > 1/2 Window

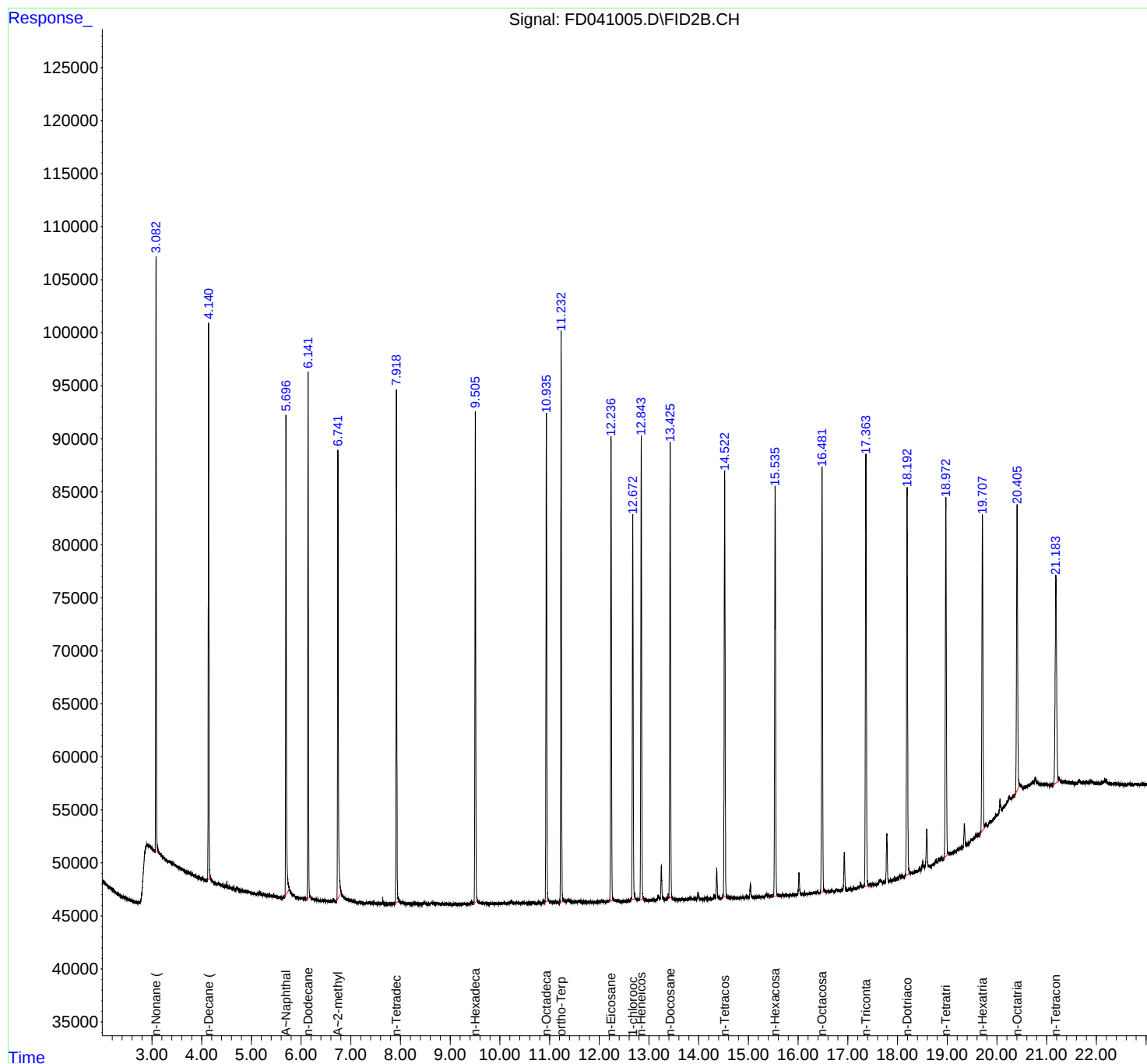
(m)=manual int.

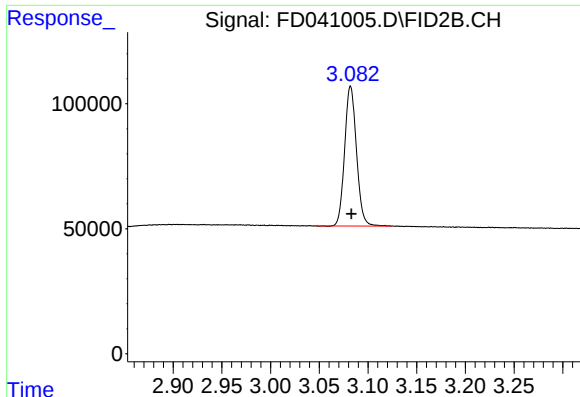
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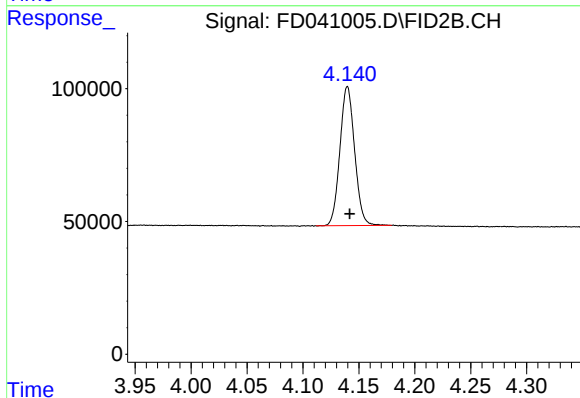




#1 n-Nonane (C9)

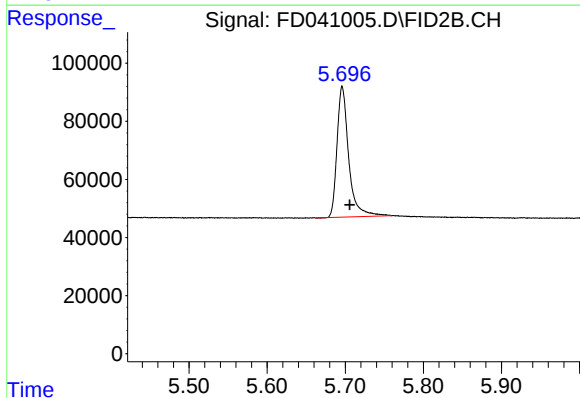
R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 473920
Conc: 21.04 ug/ml

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20 PPM ALIPHATIC HC STD



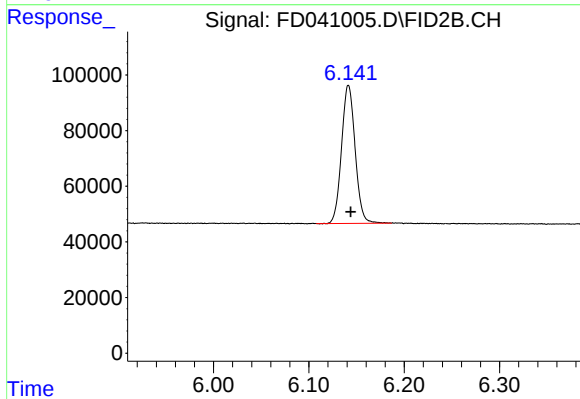
#2 n-Decane (C10)

R.T.: 4.140 min
Delta R.T.: -0.002 min
Response: 479550
Conc: 21.31 ug/ml



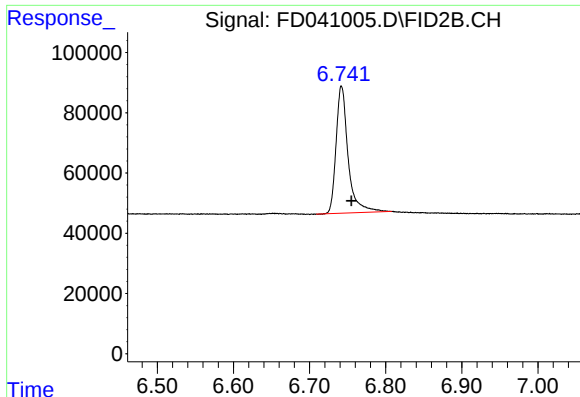
#3 A~Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.009 min
Response: 467948
Conc: 21.06 ug/ml



#4 n-Dodecane (C12)

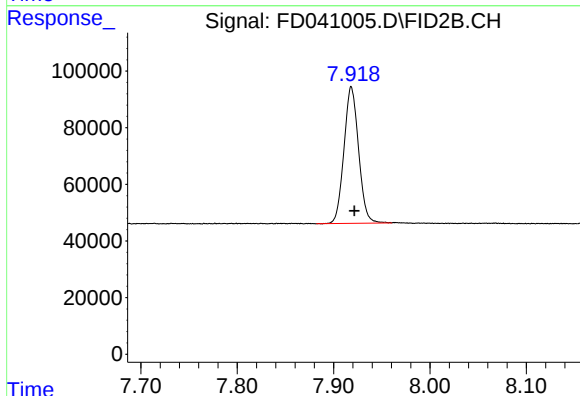
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 491411
Conc: 21.40 ug/ml



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

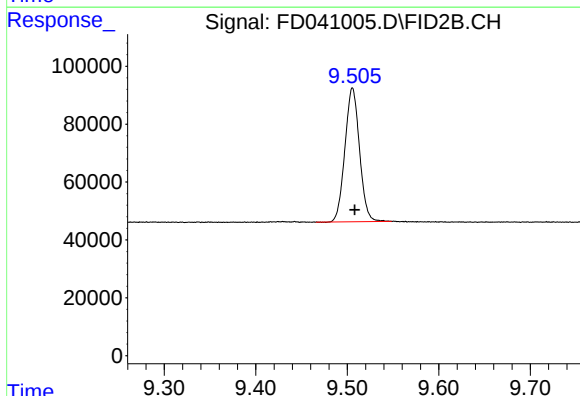
R.T.: 6.742 min
Delta R.T.: -0.013 min
Response: 463402
Conc: 21.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



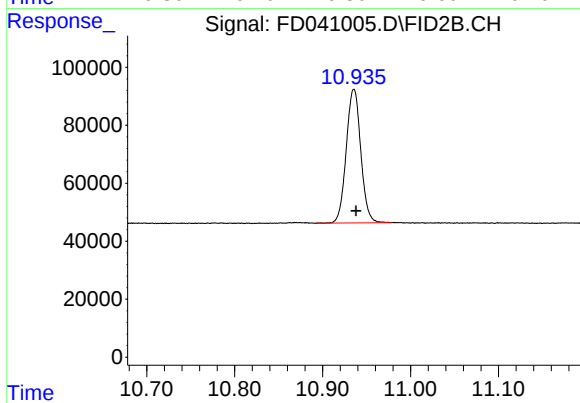
#6 n-Tetradecane (C14)

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 504536
Conc: 21.43 ug/ml



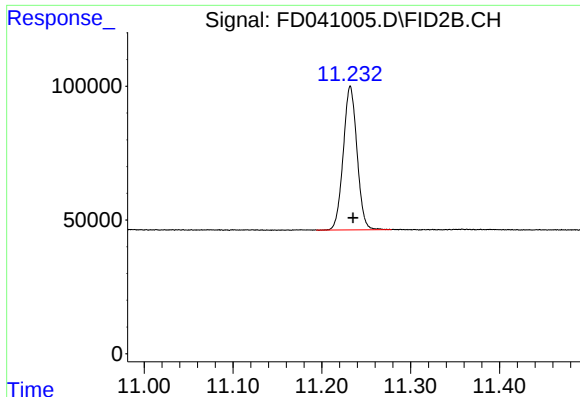
#7 n-Hexadecane (C16)

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 512140
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

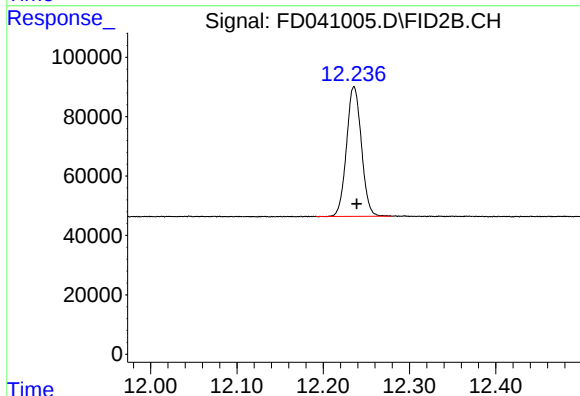
R.T.: 10.936 min
Delta R.T.: -0.003 min
Response: 528627
Conc: 21.07 ug/ml



#9 ortho-Terphenyl (SURR)

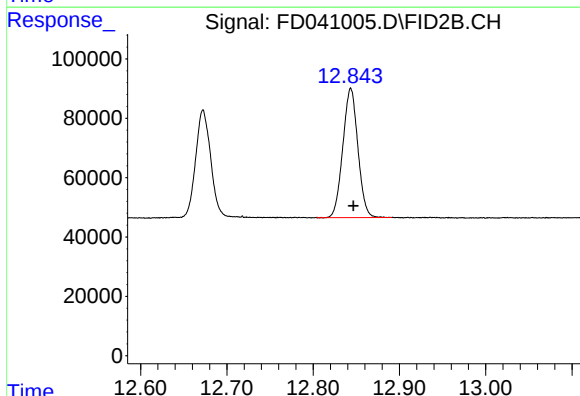
R.T.: 11.232 min
Delta R.T.: -0.003 min
Response: 577334
Conc: 20.66 ug/ml

Instrument :
FID_D
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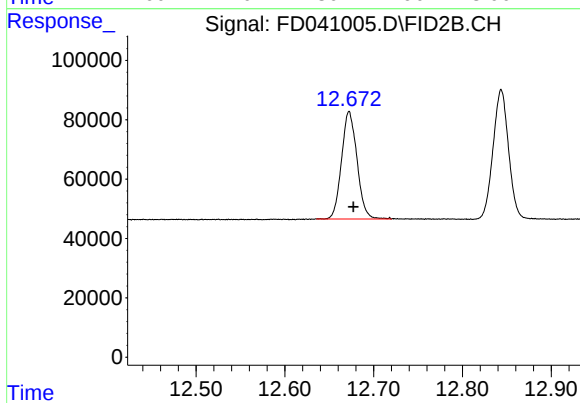
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: -0.003 min
Response: 523498
Conc: 20.90 ug/ml



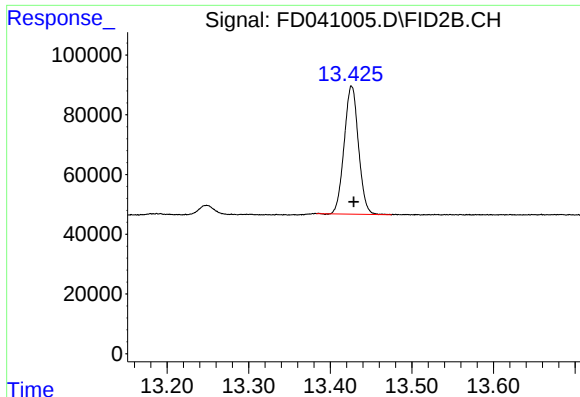
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: -0.003 min
Response: 528240
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

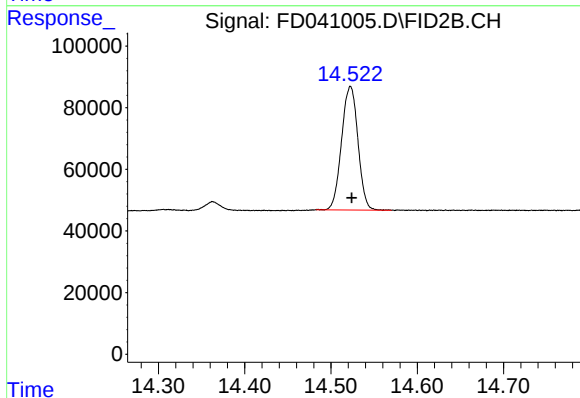
R.T.: 12.672 min
Delta R.T.: -0.005 min
Response: 438722
Conc: 20.96 ug/ml



#13 n-Docosane (C22)

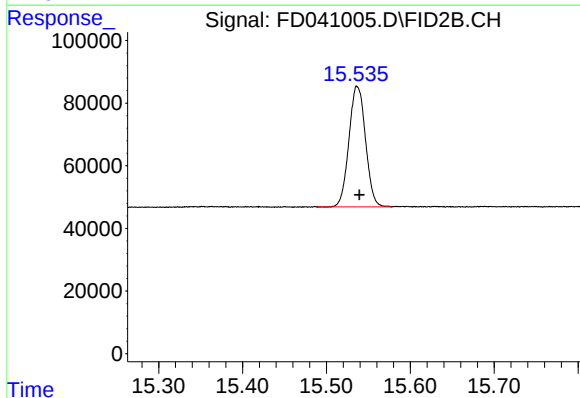
R.T.: 13.426 min
Delta R.T.: -0.003 min
Response: 521405
Conc: 20.83 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



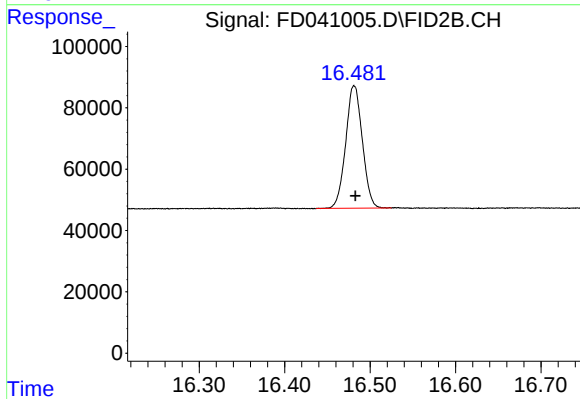
#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: -0.001 min
Response: 528358
Conc: 21.27 ug/ml



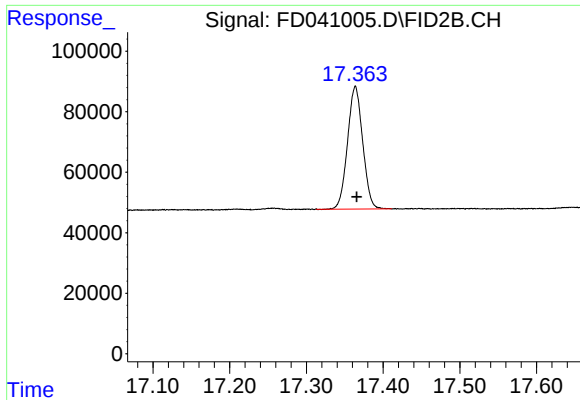
#15 n-Hexacosane (C26)

R.T.: 15.537 min
Delta R.T.: -0.003 min
Response: 529032
Conc: 21.82 ug/ml



#16 n-Octacosane (C28)

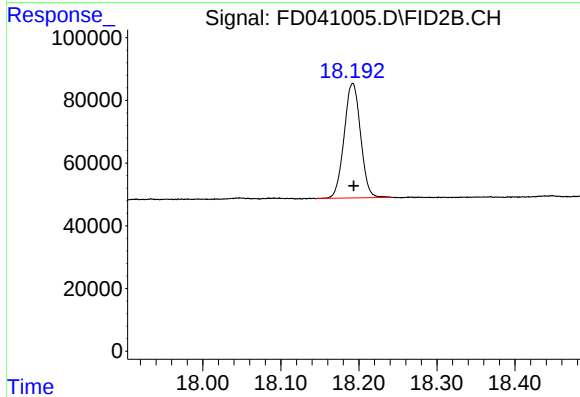
R.T.: 16.481 min
Delta R.T.: -0.002 min
Response: 540889
Conc: 22.46 ug/ml



#17 n-Tricontane (C30)

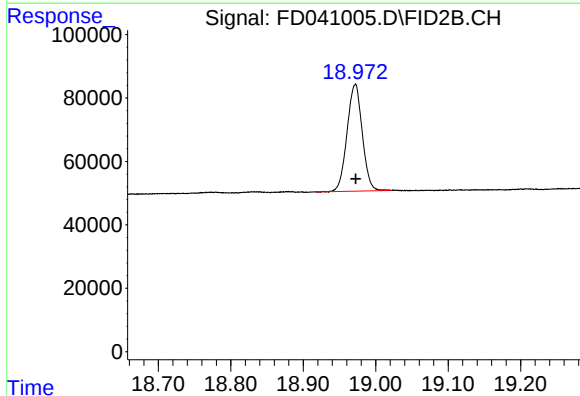
R.T.: 17.364 min
Delta R.T.: -0.002 min
Response: 558838
Conc: 23.45 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



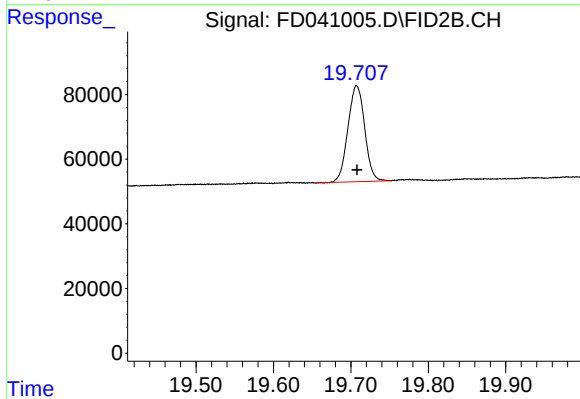
#18 n-Dotriacontane (C32)

R.T.: 18.192 min
Delta R.T.: -0.001 min
Response: 535182
Conc: 23.86 ug/ml



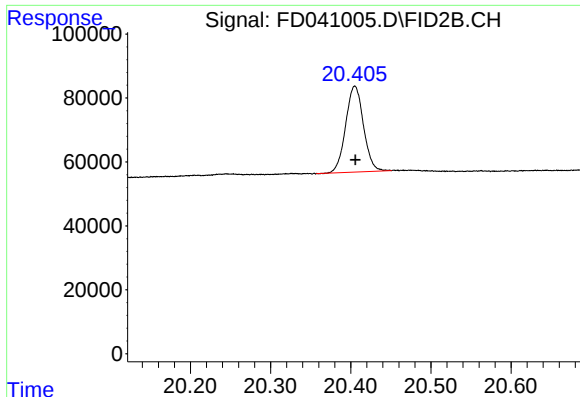
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 491942
Conc: 22.83 ug/ml



#20 n-Hexatriacontane (C36)

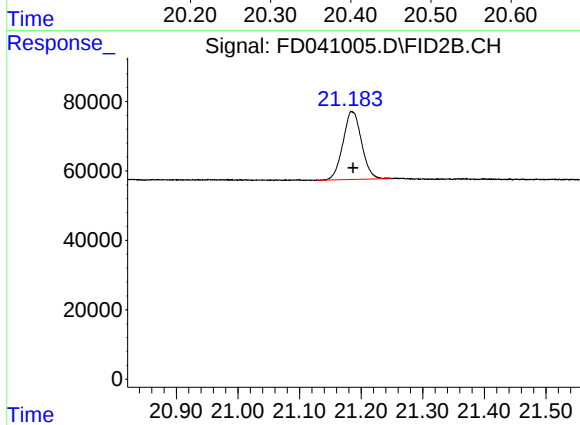
R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 447291
Conc: 22.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 414410
Conc: 21.87 ug/ml

Instrument :
FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.185 min
Delta R.T.: -0.002 min
Response: 410464
Conc: 21.21 ug/ml