

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041018.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 00:40
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 25 06:27:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:22:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.868	8988988	49.856 ug/ml
Spiked Amount 50.000		Recovery =	99.71%
12) S 1-chlorooctadecane (S...	13.306	6918556	49.931 ug/ml
Spiked Amount 50.000		Recovery =	99.86%
Target Compounds			
1) T n-Nonane (C9)	3.264	8394517	50.026 ug/ml
2) T n-Decane (C10)	4.511	8261673	49.894 ug/ml
3) T A~Naphthalene (C11.7)	6.212	9282210	50.050 ug/ml
4) T n-Dodecane (C12)	6.676	8395826	49.875 ug/ml
5) T A~2-methylnaphthalene...	7.308	8682368	50.475 ug/ml
6) T n-Tetradecane (C14)	8.502	8429113	49.881 ug/ml
7) T n-Hexadecane (C16)	10.110	8574040	49.868 ug/ml
8) T n-Octadecane (C18)	11.553	8554589	49.880 ug/ml
10) T n-Eicosane (C20)	12.862	8134676	49.855 ug/ml
11) T n-Heneicosane (C21)	13.474	8064661	49.914 ug/ml
13) T n-Docosane (C22)	14.060	7862135	49.754 ug/ml
14) T n-Tetracosane (C24)	15.163	7629804	49.635 ug/ml
15) T n-Hexacosane (C26)	16.186	7337251	49.615 ug/ml
16) T n-Octacosane (C28)	17.137	7192515	49.478 ug/ml
17) T n-Tricontane (C30)	18.026	7117883	49.275 ug/ml
18) T n-Dotriacontane (C32)	18.860	7199409	49.163 ug/ml
19) T n-Tetratriacontane (C34)	19.645	7197580	49.156 ug/ml
20) T n-Hexatriacontane (C36)	20.386	7232205	49.694 ug/ml
21) T n-Octatriacontane (C38)	21.115	7224927	49.271 ug/ml
22) T n-Tetracontane (C40)	22.006	7595466	49.752 ug/ml

(f)=RT Delta > 1/2 Window

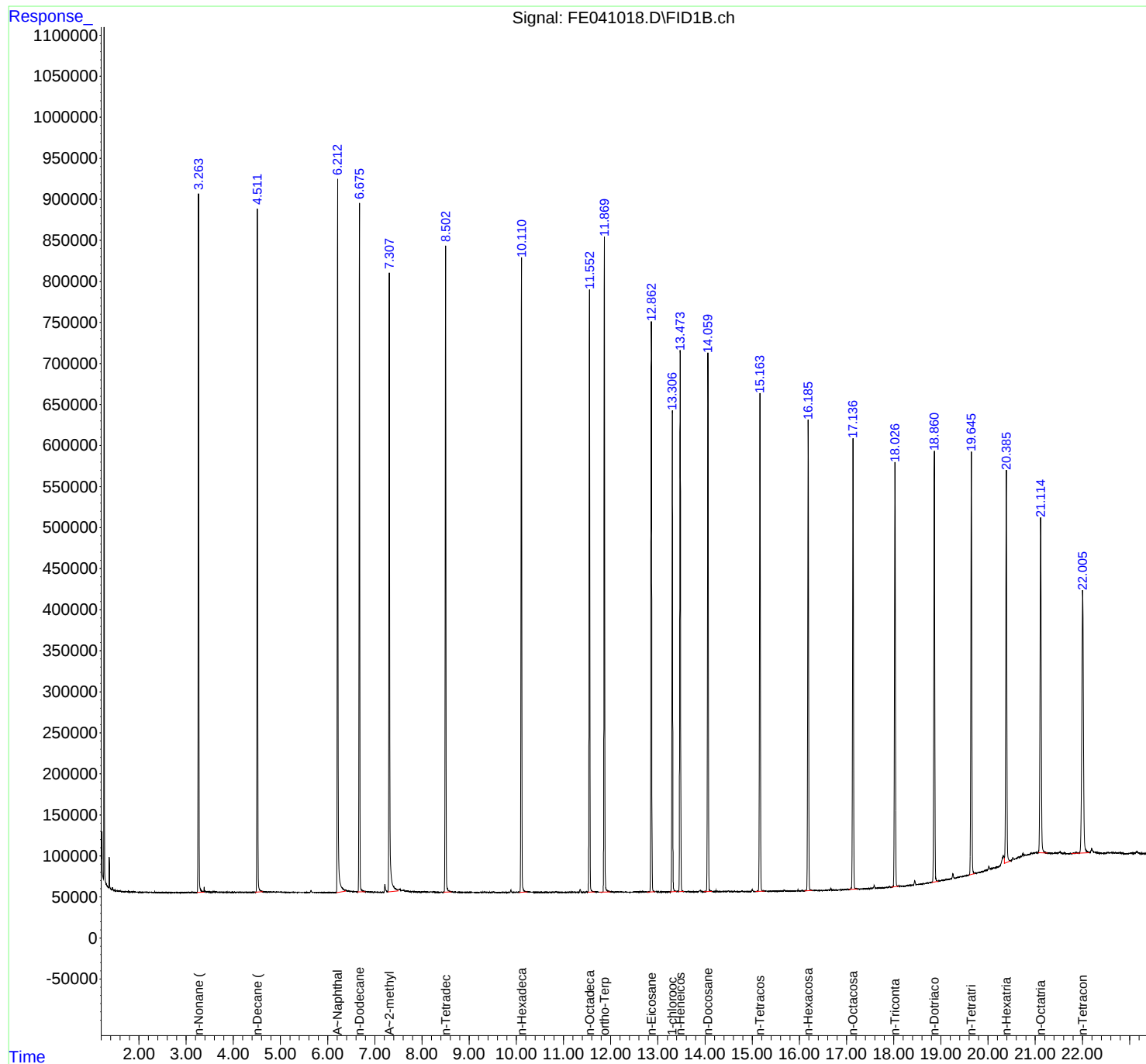
(m)=manual int.

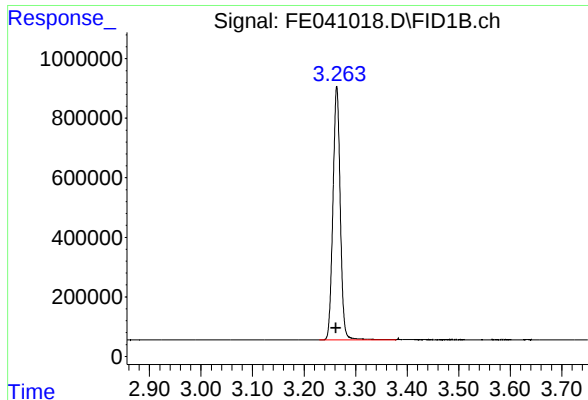
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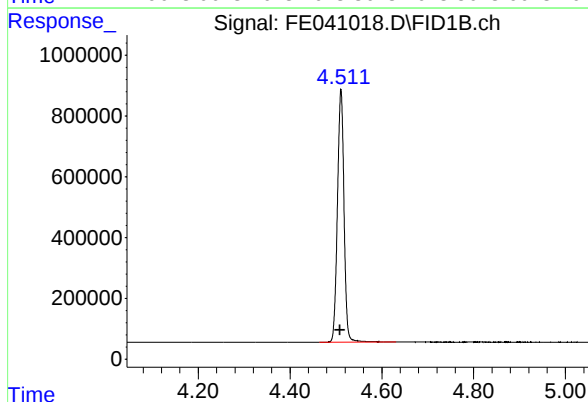




#1 n-Nonane (C9)

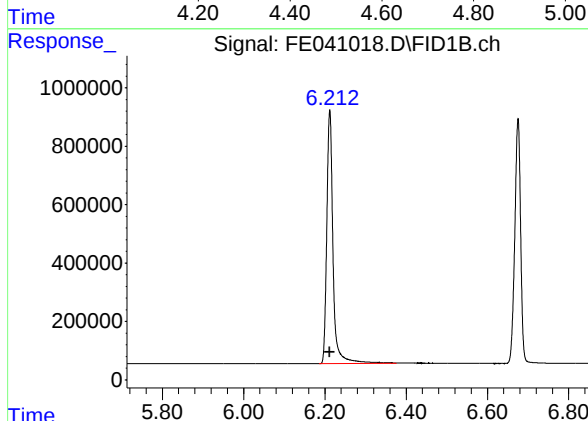
R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 8394517
Conc: 50.03 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



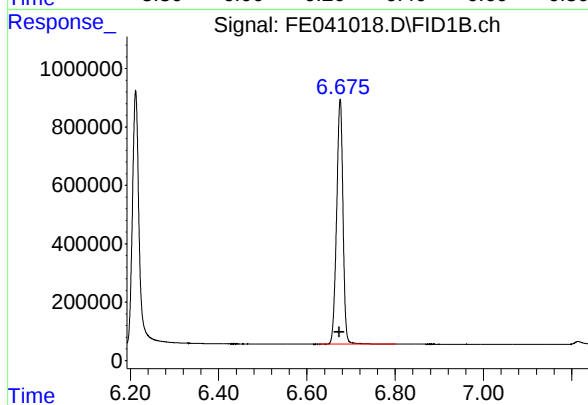
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.002 min
Response: 8261673
Conc: 49.89 ug/ml



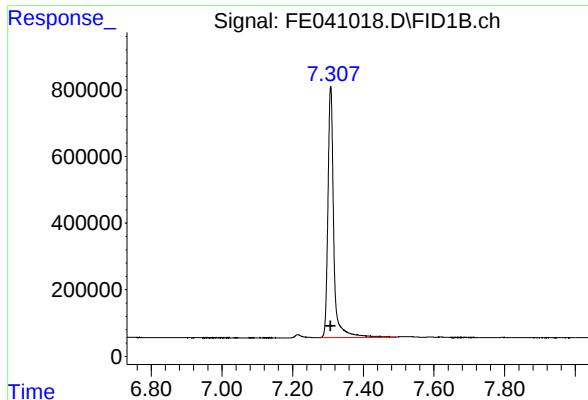
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 9282210
Conc: 50.05 ug/ml



#4 n-Dodecane (C12)

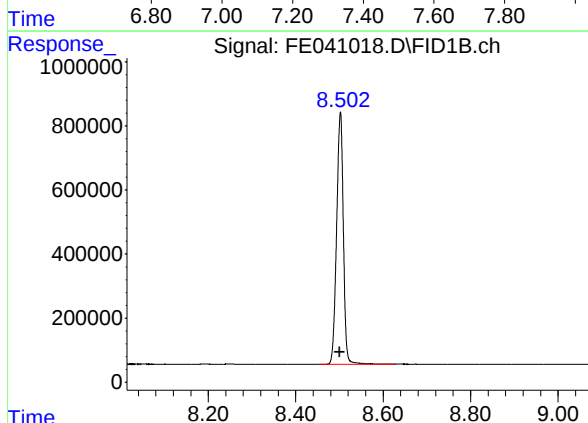
R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 8395826
Conc: 49.87 ug/ml



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

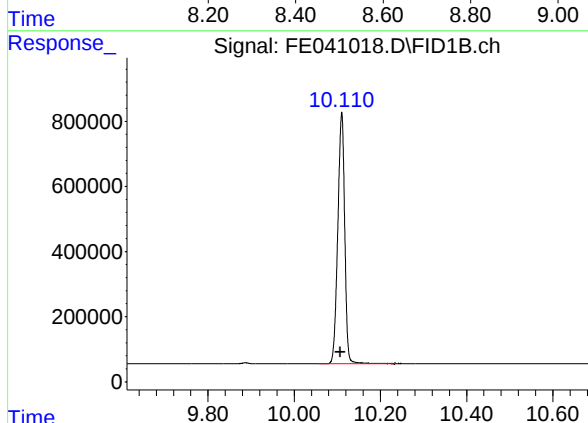
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 8682368
Conc: 50.47 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



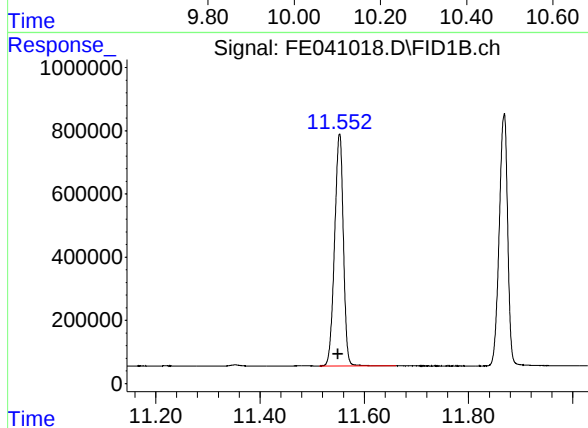
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 8429113
Conc: 49.88 ug/ml



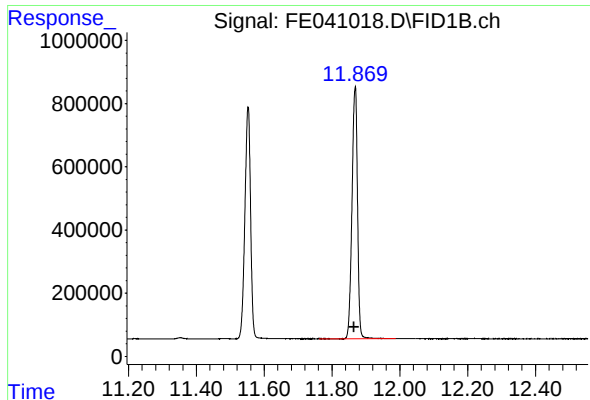
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: 0.004 min
Response: 8574040
Conc: 49.87 ug/ml



#8 n-Octadecane (C18)

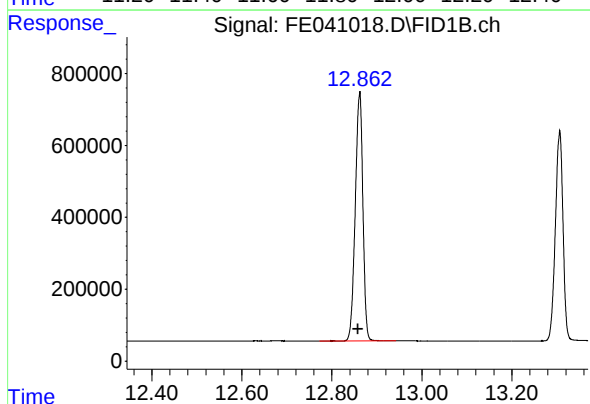
R.T.: 11.553 min
Delta R.T.: 0.003 min
Response: 8554589
Conc: 49.88 ug/ml



#9 ortho-Terphenyl (SURR)

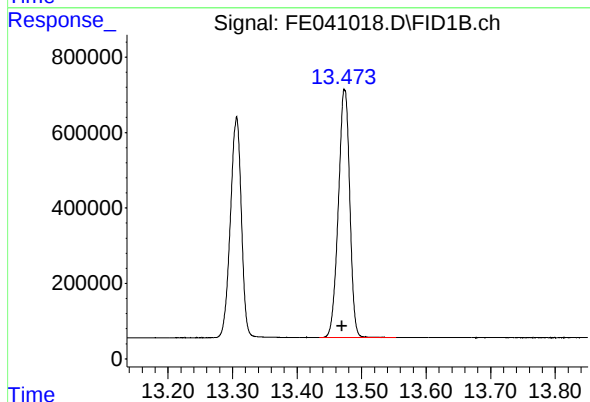
R.T.: 11.868 min
Delta R.T.: 0.003 min
Response: 8988988
Conc: 49.86 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



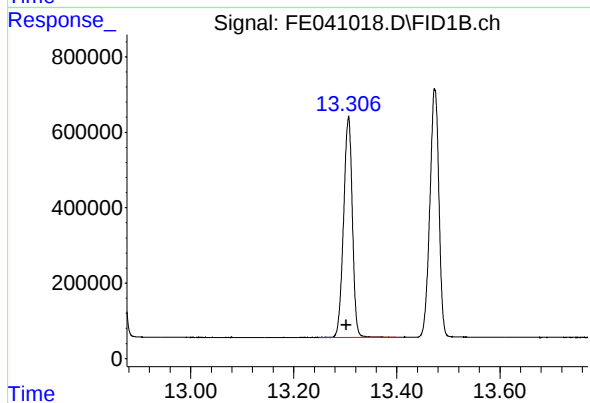
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: 0.004 min
Response: 8134676
Conc: 49.86 ug/ml



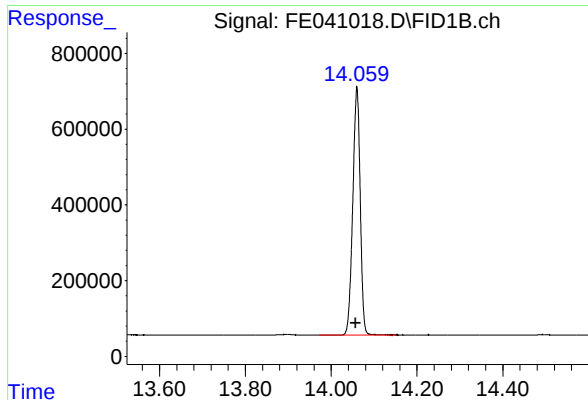
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: 0.004 min
Response: 8064661
Conc: 49.91 ug/ml



#12 1-chlorooctadecane (SURR)

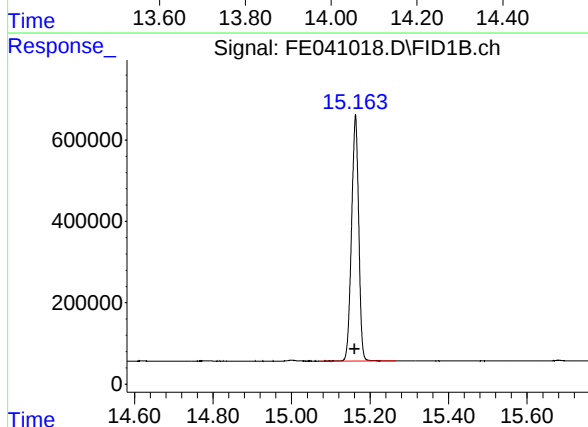
R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 6918556
Conc: 49.93 ug/ml



#13 n-Docosane (C22)

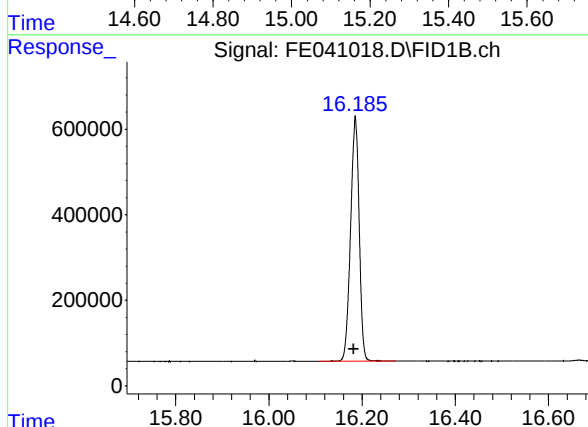
R.T.: 14.060 min
Delta R.T.: 0.003 min
Response: 7862135
Conc: 49.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



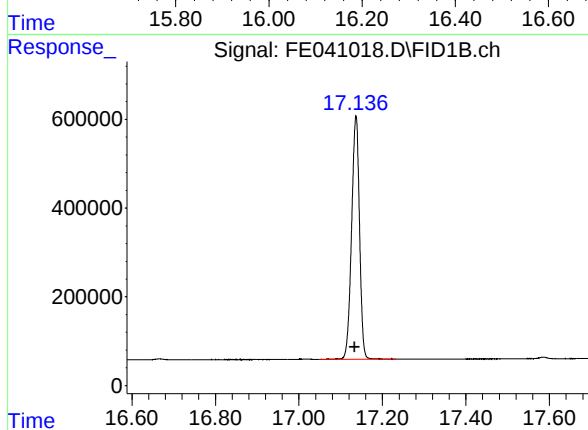
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.002 min
Response: 7629804
Conc: 49.64 ug/ml



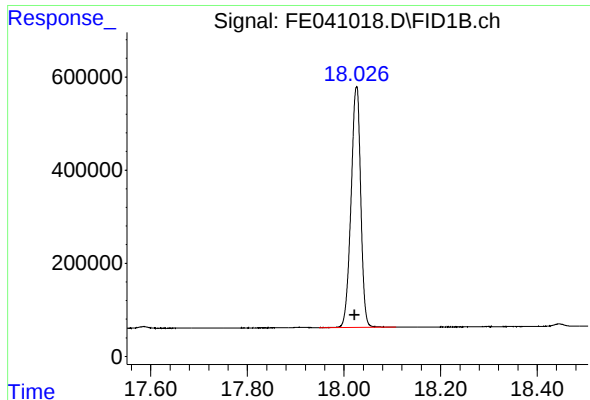
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.004 min
Response: 7337251
Conc: 49.62 ug/ml



#16 n-Octacosane (C28)

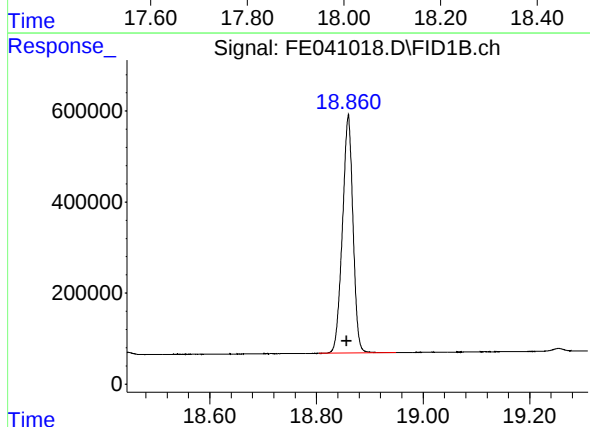
R.T.: 17.137 min
Delta R.T.: 0.004 min
Response: 7192515
Conc: 49.48 ug/ml



#17 n-Tricontane (C30)

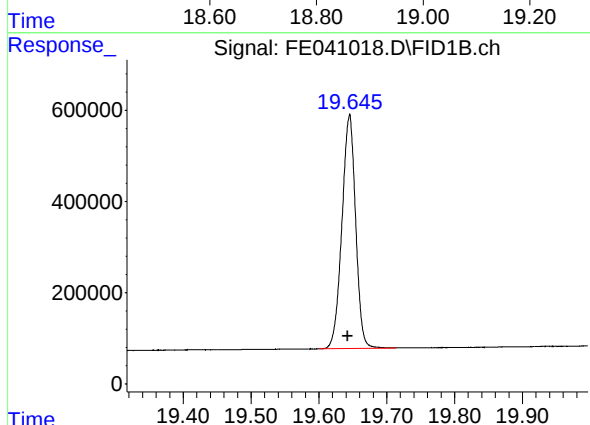
R.T.: 18.026 min
Delta R.T.: 0.004 min
Response: 7117883
Conc: 49.27 ug/ml

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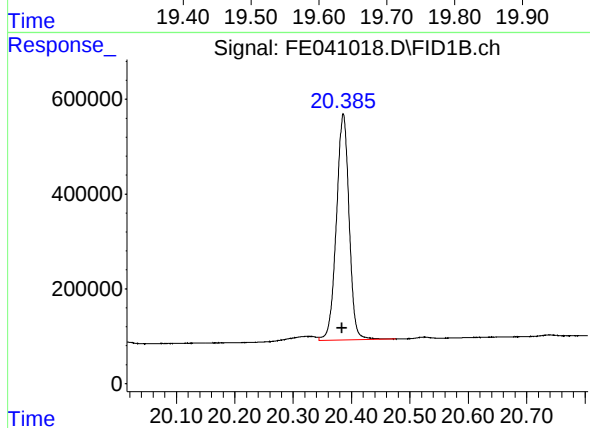
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.003 min
Response: 7199409
Conc: 49.16 ug/ml



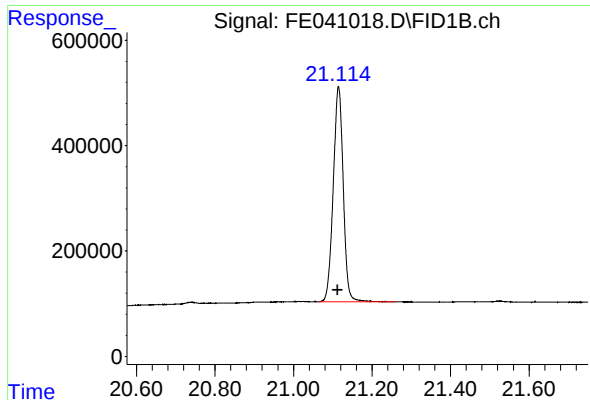
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.003 min
Response: 7197580
Conc: 49.16 ug/ml



#20 n-Hexatriacontane (C36)

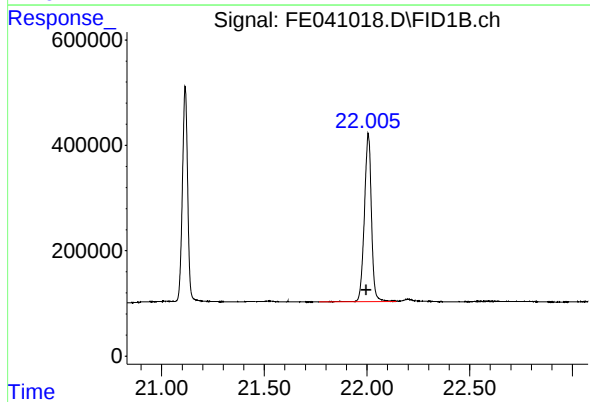
R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 7232205
Conc: 49.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.002 min
Response: 7224927
Conc: 49.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.008 min
Response: 7595466
Conc: 49.75 ug/ml