

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080322AL\
 Data File : FD043481.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2022 20:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 04 00:44:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.527	3179710	20.087 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	12.963	2455911	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.307	3097014	22.095 ug/ml
2) T n-Decane (C10)	4.372	3135891	22.303 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3364190	22.141 ug/ml
4) T n-Dodecane (C12)	6.386	3133406	22.015 ug/ml
5) T A~2-methylnaphthalene...	7.005	3288551	21.979 ug/ml
6) T n-Tetradecane (C14)	8.178	3097307	21.835 ug/ml
7) T n-Hexadecane (C16)	9.776	3072153	21.661 ug/ml
8) T n-Octadecane (C18)	11.214	3027858	21.175 ug/ml
10) T n-Eicosane (C20)	12.521	2955326	20.411 ug/ml
11) T n-Heneicosane (C21)	13.132	2909276	20.030 ug/ml
13) T n-Docosane (C22)	13.716	2885629	19.890 ug/ml
14) T n-Tetracosane (C24)	14.816	2807119	19.377 ug/ml
15) T n-Hexacosane (C26)	15.834	2722553	18.928 ug/ml
16) T n-Octacosane (C28)	16.781	2660132	18.805 ug/ml
17) T n-Tricontane (C30)	17.666	2680777	18.993 ug/ml
18) T n-Dotriacontane (C32)	18.496	2677772	19.364 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2568836	19.962 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2557583	20.735 ug/ml
21) T n-Octatriacontane (C38)	20.735	2531432	21.408 ug/ml
22) T n-Tetracontane (C40)	21.613	2493573	22.053 ug/ml

(f)=RT Delta > 1/2 Window

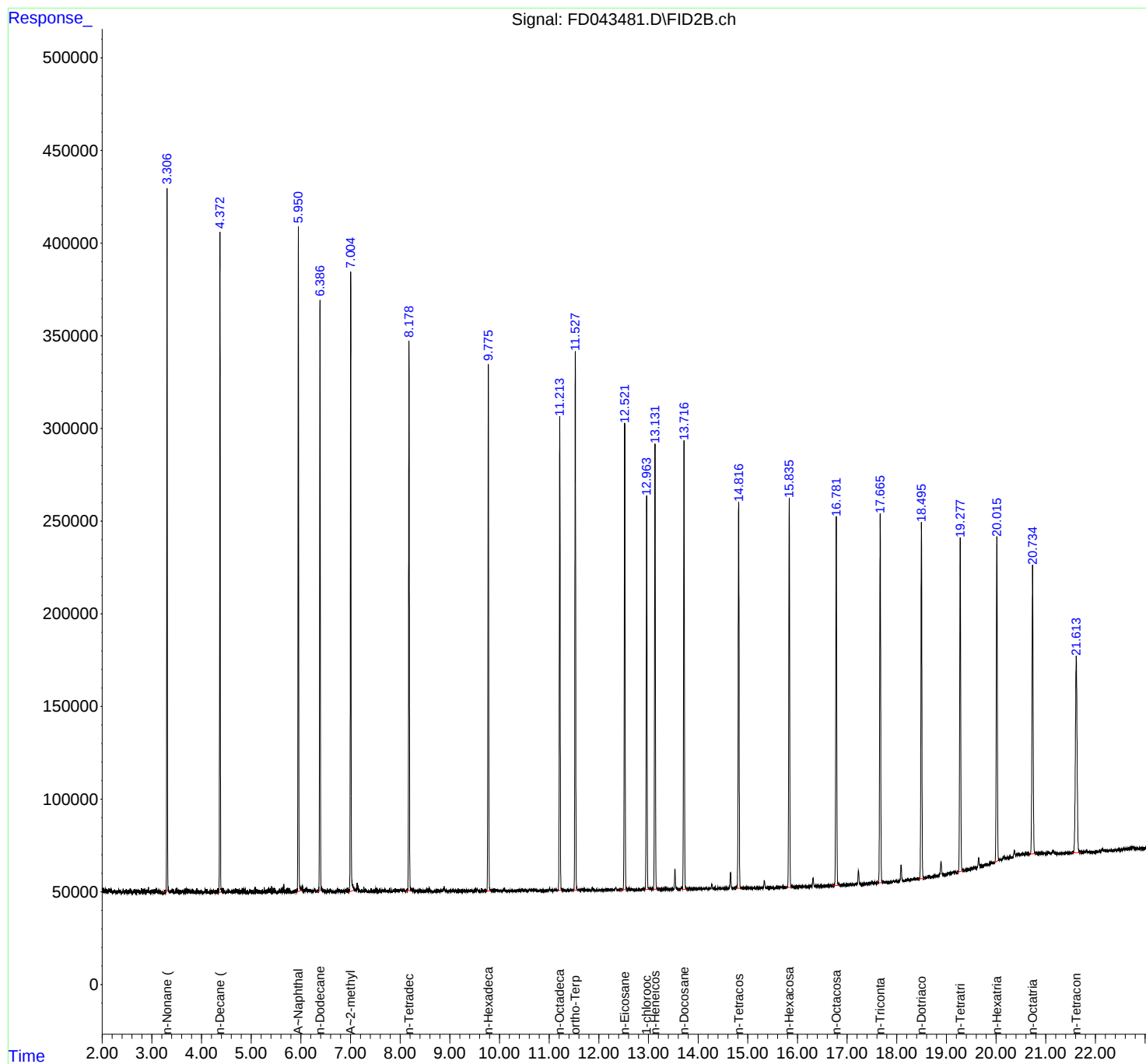
(m)=manual int.

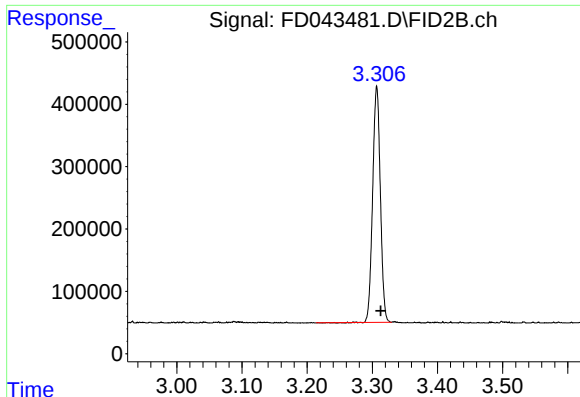
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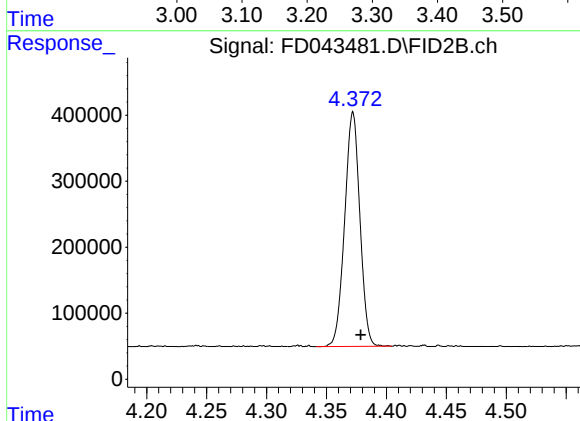




#1 n-Nonane (C9)

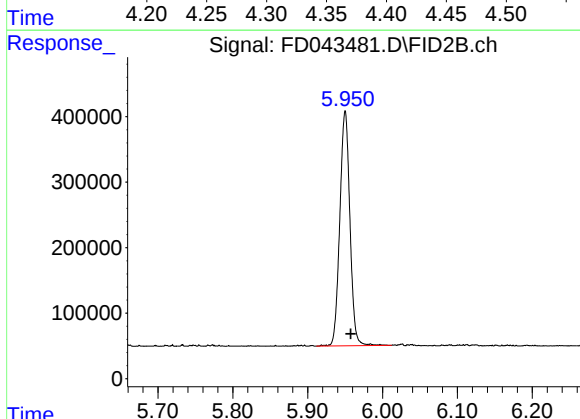
R.T.: 3.307 min
Delta R.T.: -0.006 min
Response: 3097014
Conc: 22.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



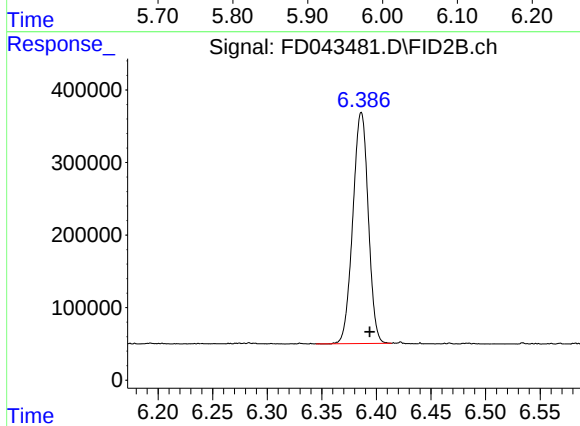
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.006 min
Response: 3135891
Conc: 22.30 ug/ml



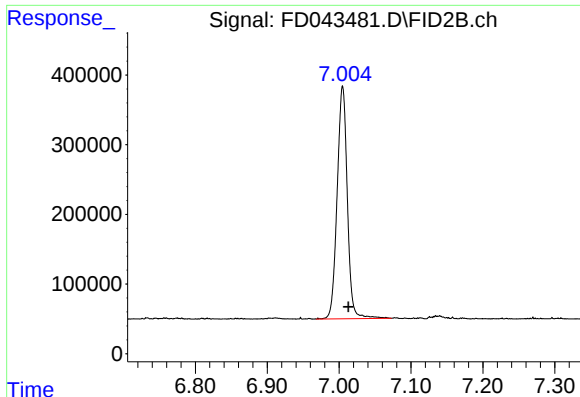
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.007 min
Response: 3364190
Conc: 22.14 ug/ml



#4 n-Dodecane (C12)

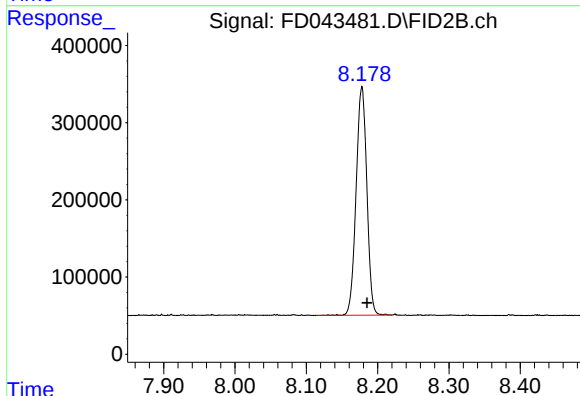
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 3133406
Conc: 22.02 ug/ml



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

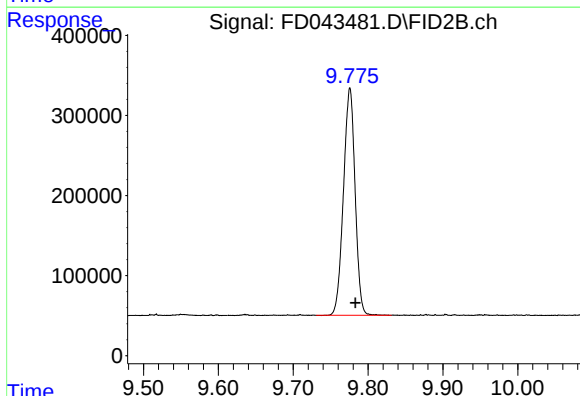
R.T.: 7.005 min
Delta R.T.: -0.008 min
Response: 3288551
Conc: 21.98 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



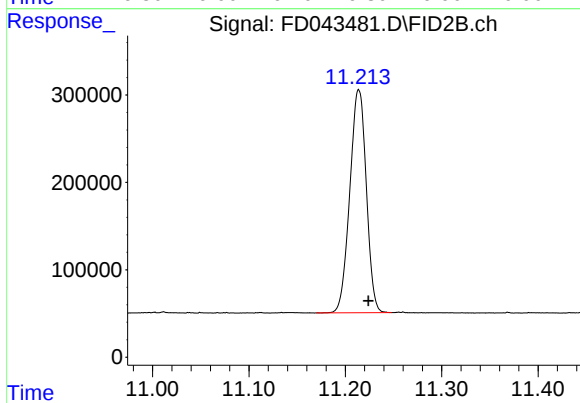
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.008 min
Response: 3097307
Conc: 21.83 ug/ml



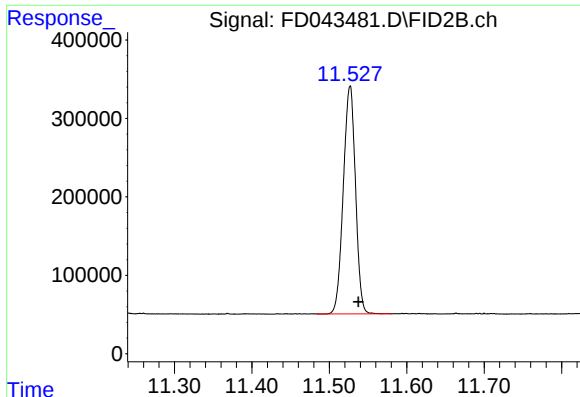
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.007 min
Response: 3072153
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

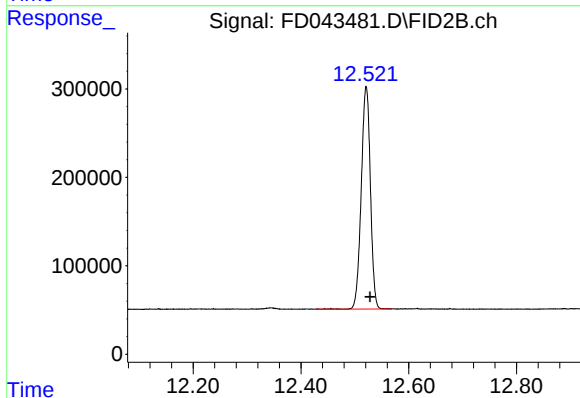
R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 3027858
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

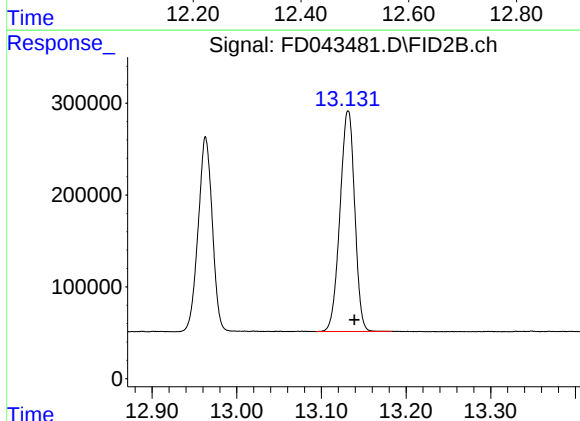
R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 3179710
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



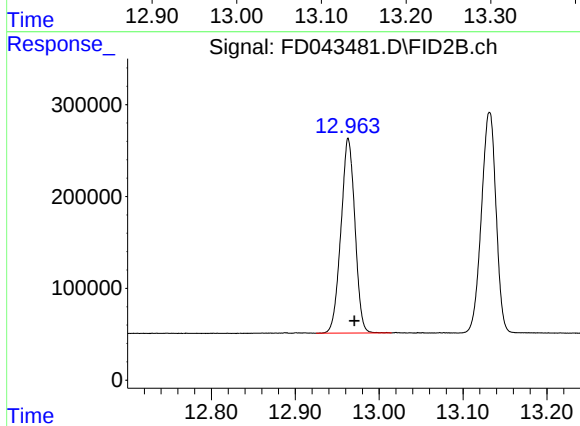
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.007 min
Response: 2955326
Conc: 20.41 ug/ml



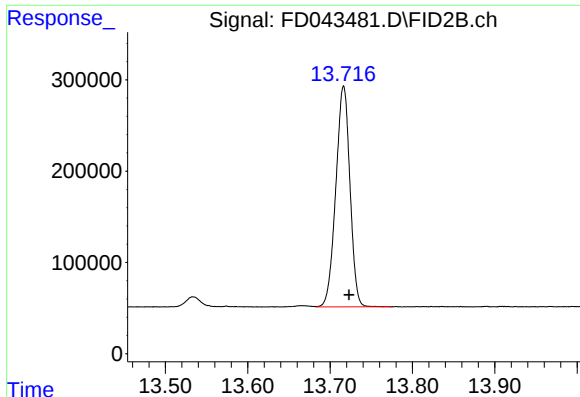
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.008 min
Response: 2909276
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

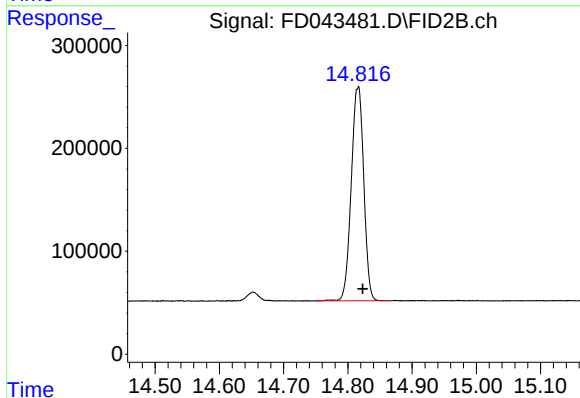
R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 2455911
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

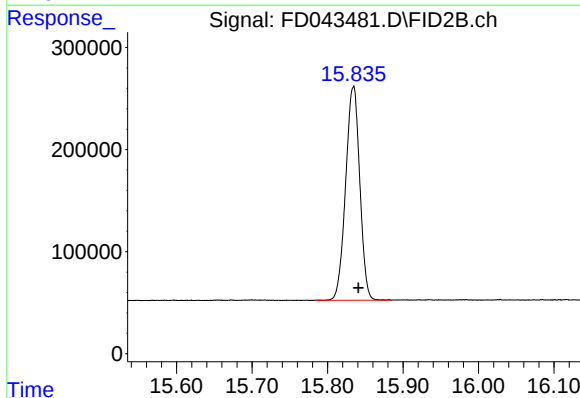
R.T.: 13.716 min
Delta R.T.: -0.007 min
Response: 2885629
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



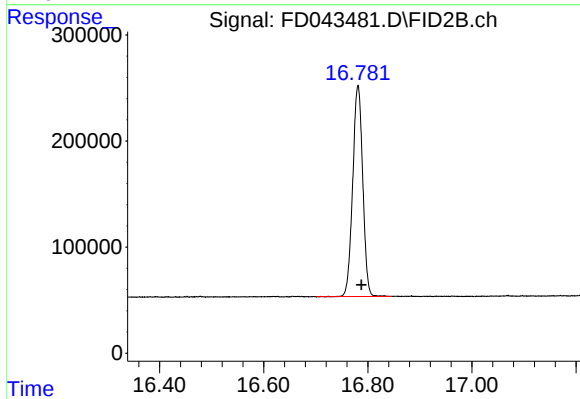
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.007 min
Response: 2807119
Conc: 19.38 ug/ml



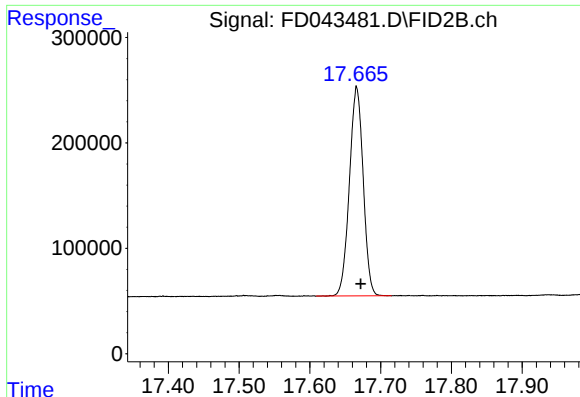
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.007 min
Response: 2722553
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

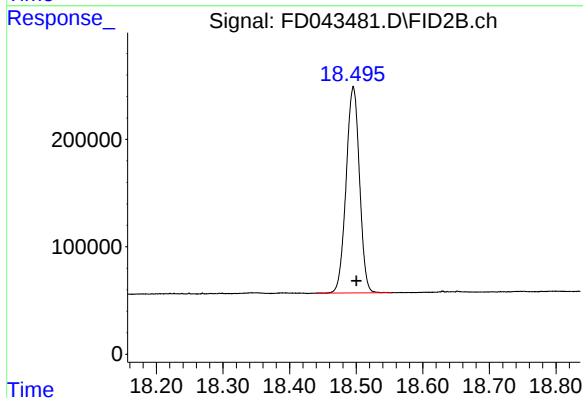
R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 2660132
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

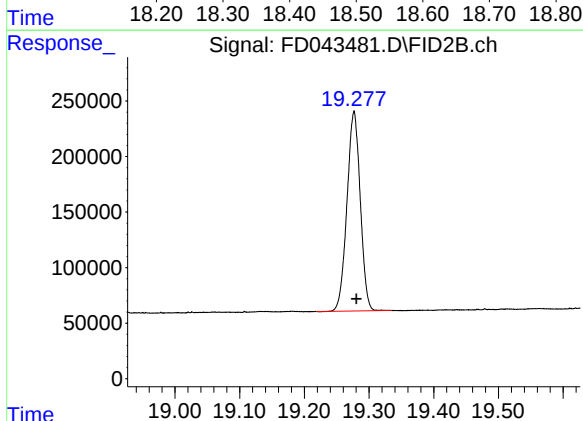
R.T.: 17.666 min
Delta R.T.: -0.006 min
Response: 2680777
Conc: 18.99 ug/ml

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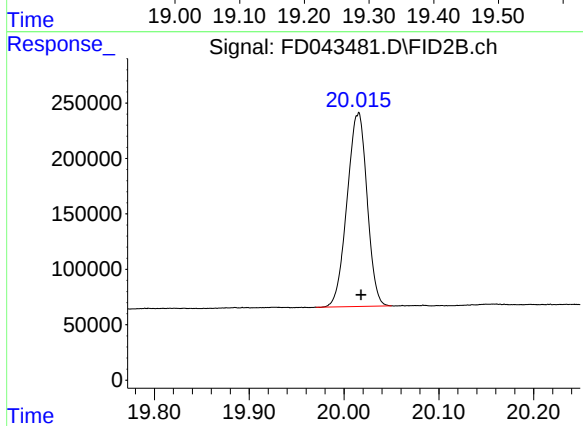
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.004 min
Response: 2677772
Conc: 19.36 ug/ml



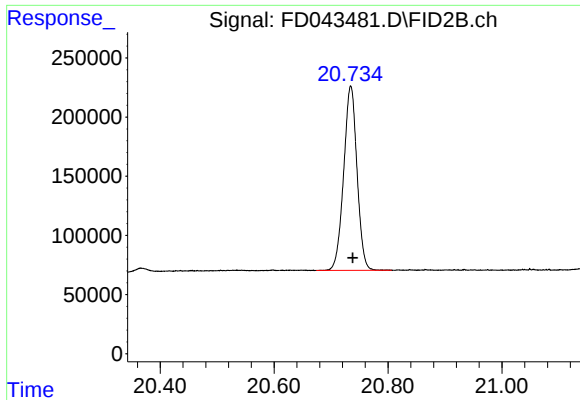
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: -0.004 min
Response: 2568836
Conc: 19.96 ug/ml



#20 n-Hexatriacontane (C36)

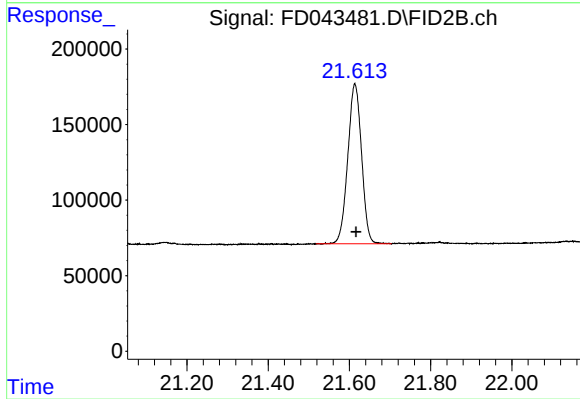
R.T.: 20.015 min
Delta R.T.: -0.003 min
Response: 2557583
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 2531432
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: -0.003 min
Response: 2493573
Conc: 22.05 ug/ml