

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042423AL\
 Data File : FE041506.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2023 08:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 24 10:51:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.984	3653255	19.473 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.419	2700805	19.118 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.359	3050366	20.751 ug/ml
2) T n-Decane (C10)	4.611	3129421	20.866 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3440824	20.792 ug/ml
4) T n-Dodecane (C12)	6.780	3164395	20.812 ug/ml
5) T A~2-methylnaphthalene...	7.415	3339256	20.709 ug/ml
6) T n-Tetradecane (C14)	8.610	3145655	20.708 ug/ml
7) T n-Hexadecane (C16)	10.219	3244910	20.334 ug/ml
8) T n-Octadecane (C18)	11.664	3268424	19.940 ug/ml
10) T n-Eicosane (C20)	12.974	3124204	19.424 ug/ml
11) T n-Heneicosane (C21)	13.586	3060006	19.201 ug/ml
13) T n-Docosane (C22)	14.173	3026289	18.994 ug/ml
14) T n-Tetracosane (C24)	15.276	2983476	18.506 ug/ml
15) T n-Hexacosane (C26)	16.297	2872612	18.170 ug/ml
16) T n-Octacosane (C28)	17.248	2775305	18.036 ug/ml
17) T n-Tricontane (C30)	18.136	2750336	18.058 ug/ml
18) T n-Dotriacontane (C32)	18.969	2745894	18.431 ug/ml
19) T n-Tetratriacontane (C34)	19.752	2654836	18.845 ug/ml
20) T n-Hexatriacontane (C36)	20.493	2512262	18.786 ug/ml
21) T n-Octatriacontane (C38)	21.249	2651731	20.068 ug/ml
22) T n-Tetracontane (C40)	22.191	2672504	21.108 ug/ml

(f)=RT Delta > 1/2 Window

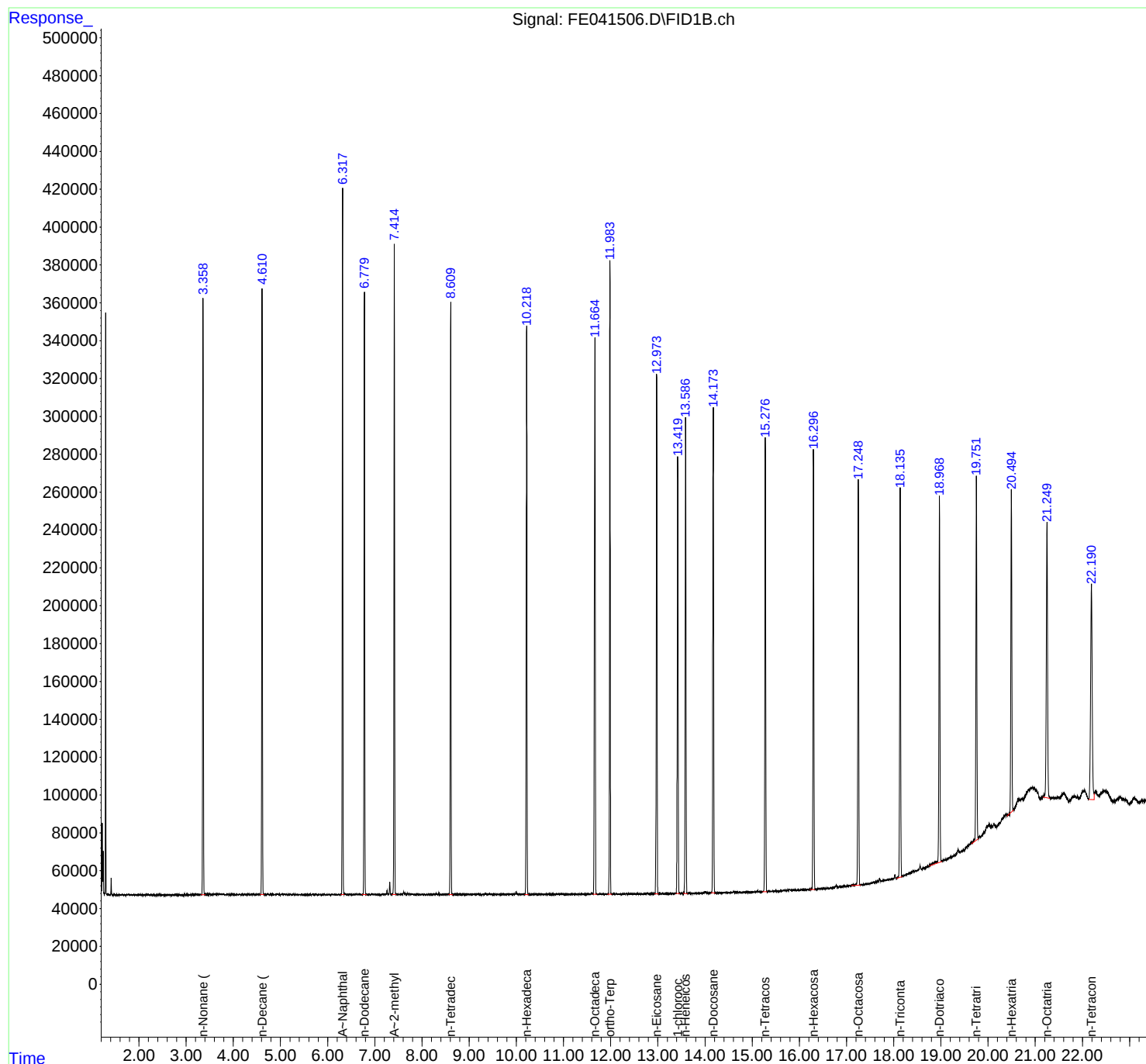
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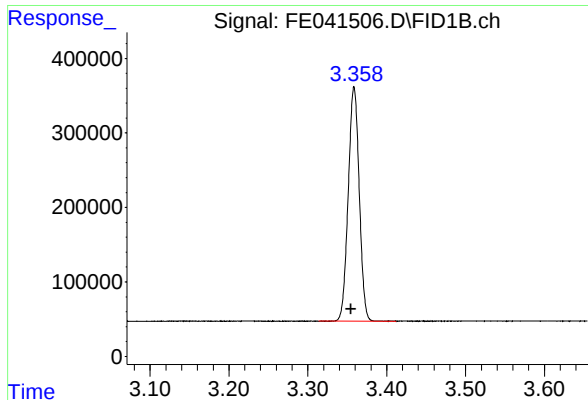
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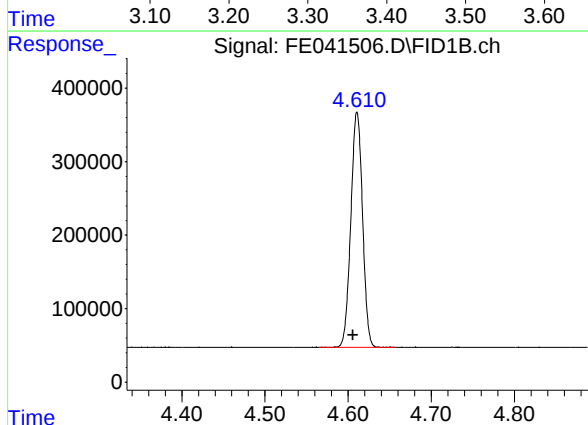




#1 n-Nonane (C9)

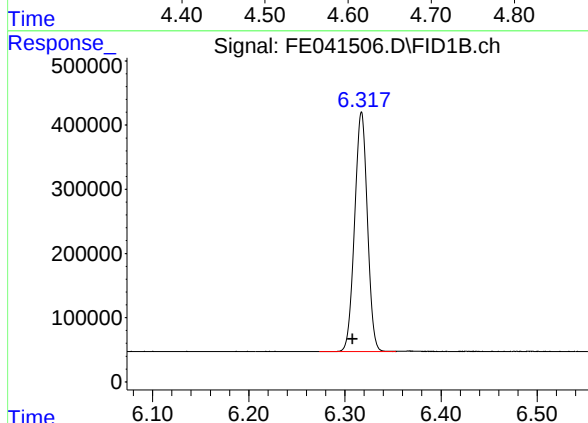
R.T.: 3.359 min
Delta R.T.: 0.004 min
Response: 3050366
Conc: 20.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



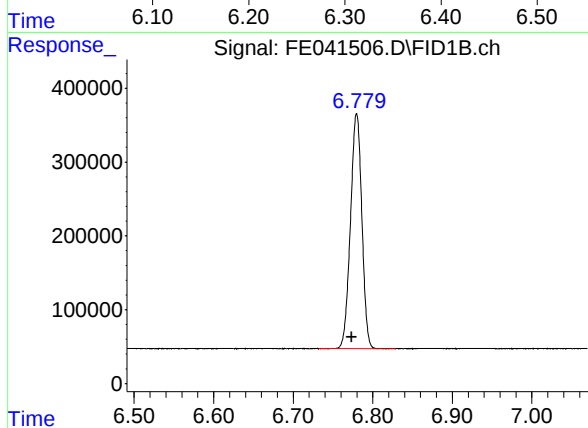
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 3129421
Conc: 20.87 ug/ml



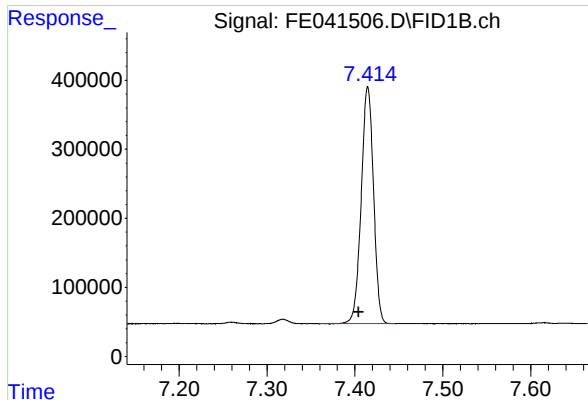
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 3440824
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

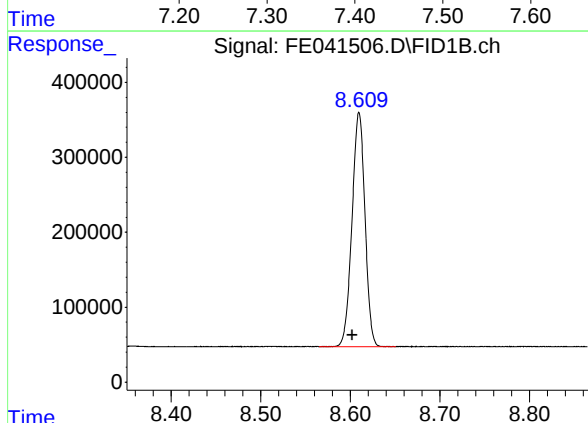
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 3164395
Conc: 20.81 ug/ml



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

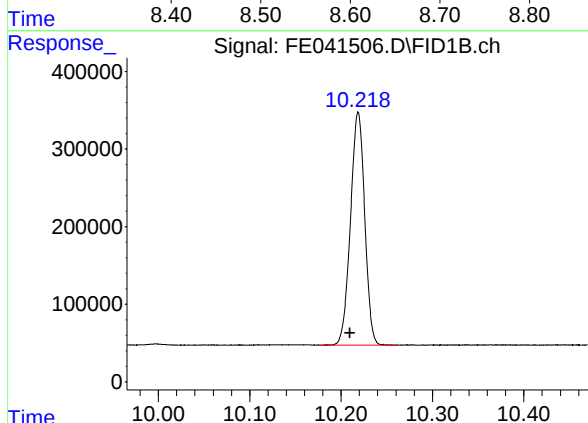
R.T.: 7.415 min
Delta R.T.: 0.010 min
Response: 3339256
Conc: 20.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



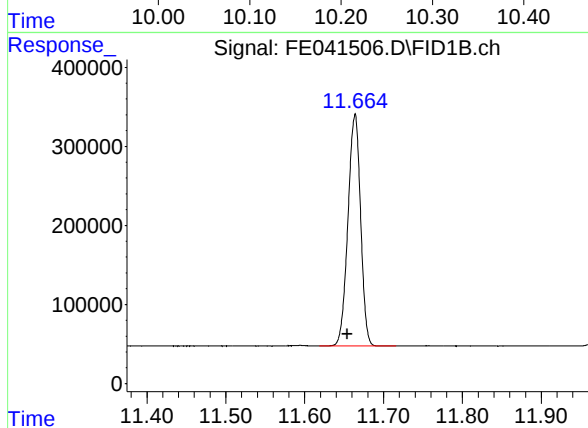
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.007 min
Response: 3145655
Conc: 20.71 ug/ml



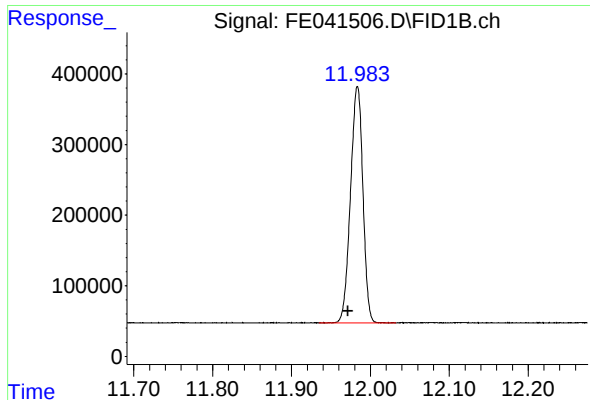
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 3244910
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

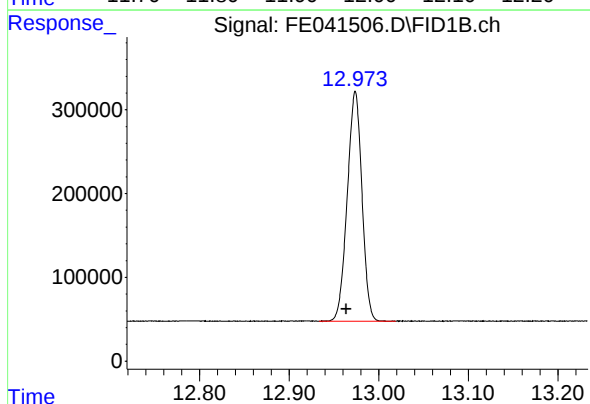
R.T.: 11.664 min
Delta R.T.: 0.010 min
Response: 3268424
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

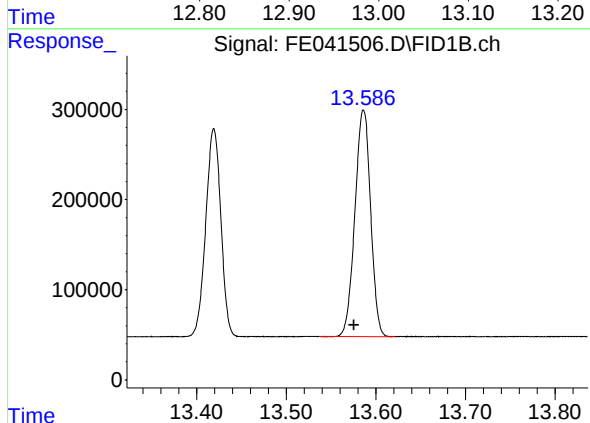
R.T.: 11.984 min
Delta R.T.: 0.012 min
Response: 3653255
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



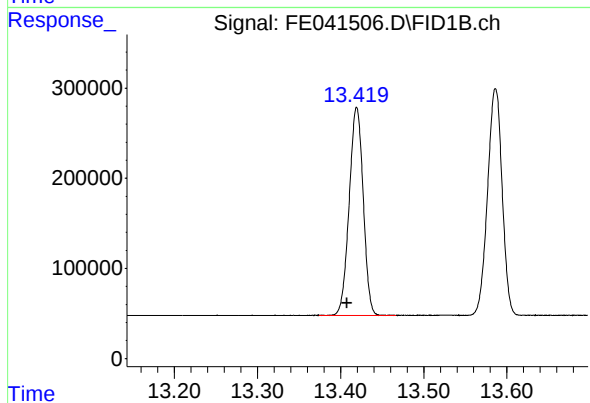
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.010 min
Response: 3124204
Conc: 19.42 ug/ml



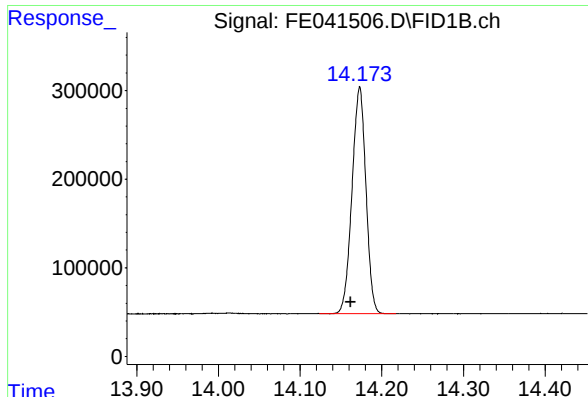
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.011 min
Response: 3060006
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

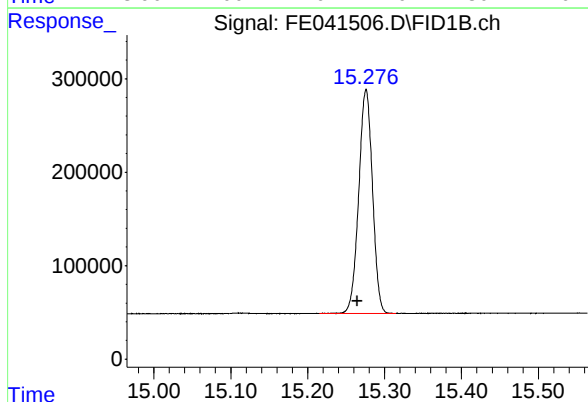
R.T.: 13.419 min
Delta R.T.: 0.012 min
Response: 2700805
Conc: 19.12 ug/ml



#13 n-Docosane (C22)

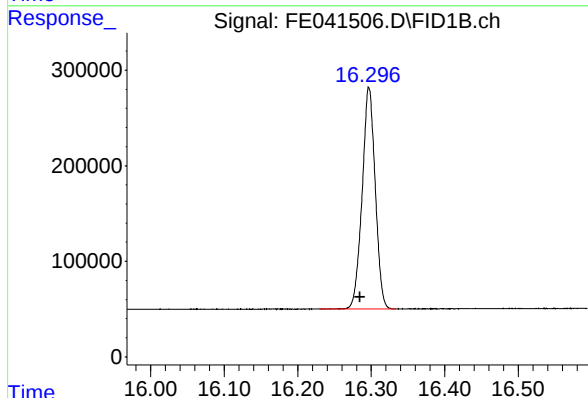
R.T.: 14.173 min
Delta R.T.: 0.011 min
Response: 3026289
Conc: 18.99 ug/ml

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20 PPM ALIPHATIC HC STD



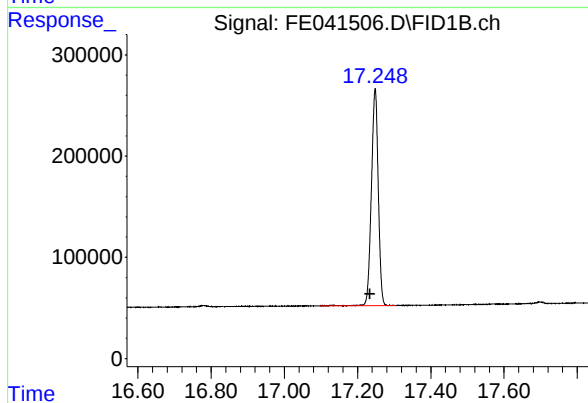
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.011 min
Response: 2983476
Conc: 18.51 ug/ml



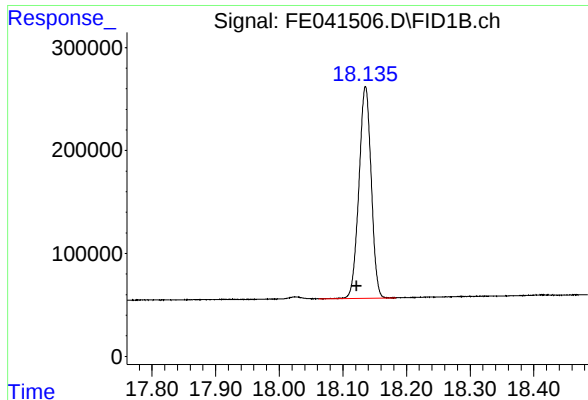
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.012 min
Response: 2872612
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

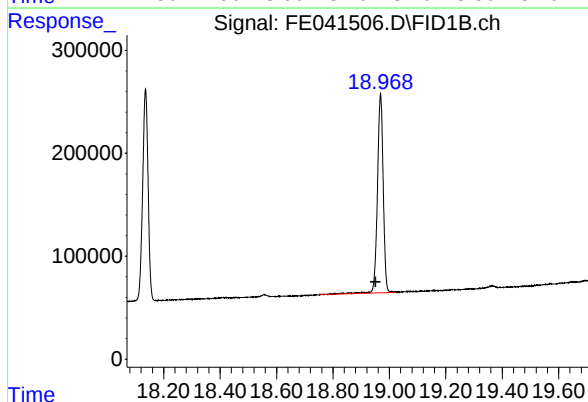
R.T.: 17.248 min
Delta R.T.: 0.014 min
Response: 2775305
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

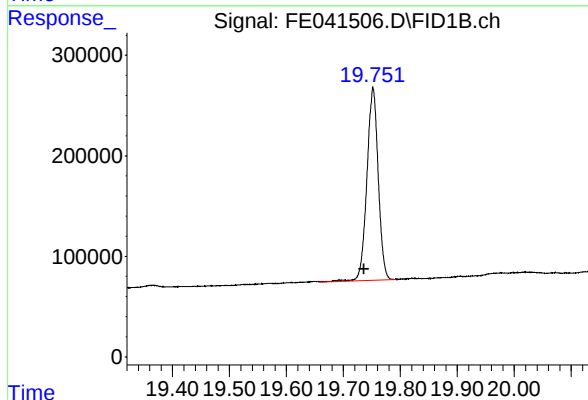
R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 2750336
Conc: 18.06 ug/ml

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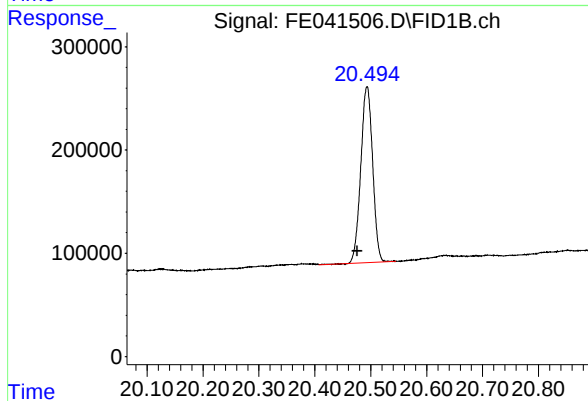
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.017 min
Response: 2745894
Conc: 18.43 ug/ml



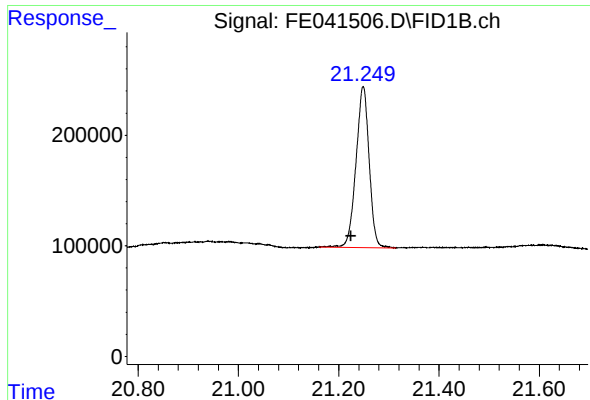
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.016 min
Response: 2654836
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

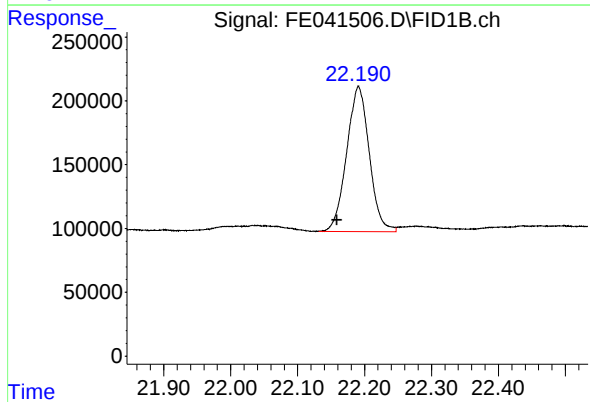
R.T.: 20.493 min
Delta R.T.: 0.017 min
Response: 2512262
Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.024 min
Response: 2651731
Conc: 20.07 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.032 min
Response: 2672504
Conc: 21.11 ug/ml