

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056267.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 09:40
 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: autoint1.e
 Quant Time: Oct 10 01:47:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 2025
 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)	12.063	3937792	20.985 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
12) S 1-chlorooctadecane (S...	13.499	2907934	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.405	2216435	16.179 ug/ml
2) T n-Decane (C10)	4.664	2423030	17.362 ug/ml
3) T A~Naphthalene (C11.7)	6.383	3078930	19.284 ug/ml
4) T n-Dodecane (C12)	6.838	2728716	19.012 ug/ml
5) T A~2-methylnaphthalene...	7.483	3103124	19.953 ug/ml
6) T n-Tetradecane (C14)	8.674	2986303	20.199 ug/ml
7) T n-Hexadecane (C16)	10.288	3342437	21.034 ug/ml
8) T n-Octadecane (C18)	11.737	3598261	21.243 ug/ml
10) T n-Eicosane (C20)	13.051	3497860	21.101 ug/ml
11) T n-Heneicosane (C21)	13.665	3391900	20.874 ug/ml
13) T n-Docosane (C22)	14.253	3319483	20.774 ug/ml
14) T n-Tetracosane (C24)	15.359	3144967	20.639 ug/ml
15) T n-Hexacosane (C26)	16.382	2925206	20.509 ug/ml
16) T n-Octacosane (C28)	17.334	2877113	20.653 ug/ml
17) T n-Tricontane (C30)	18.224	3085996	20.826 ug/ml
18) T n-Dotriacontane (C32)	19.058	3248350	21.772 ug/ml
19) T n-Tetratriacontane (C34)	19.843	3115949	22.029 ug/ml
20) T n-Hexatriacontane (C36)	20.584	2761555	21.512 ug/ml
21) T n-Octatriacontane (C38)	21.355	2530981	19.270 ug/ml
22) T n-Tetracontane (C40)	22.334	2378343	19.992 ug/ml

(f)=RT Delta > 1/2 Window

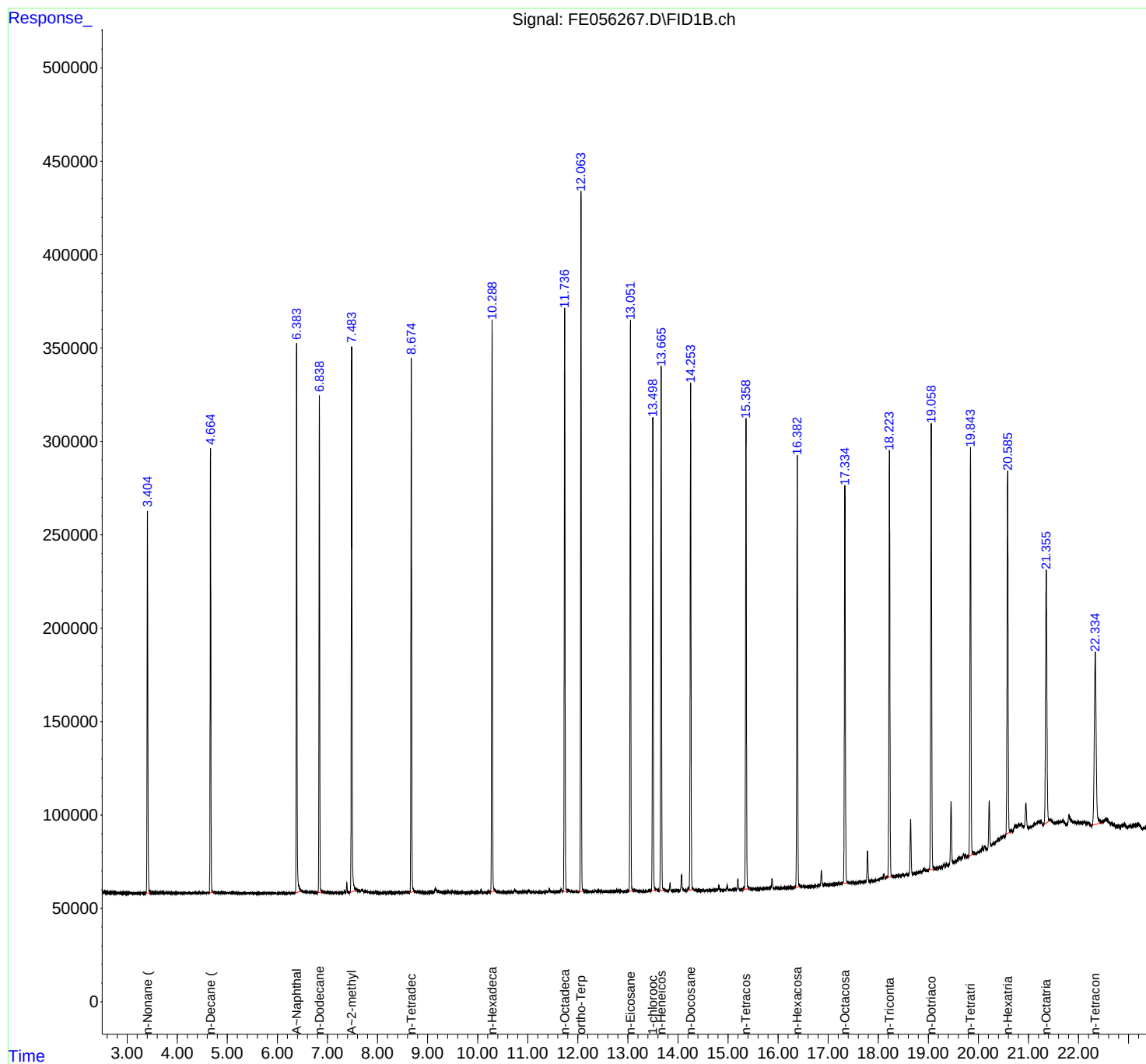
(m)=manual int.

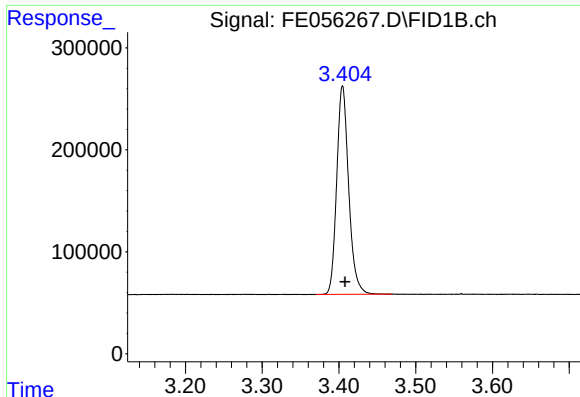
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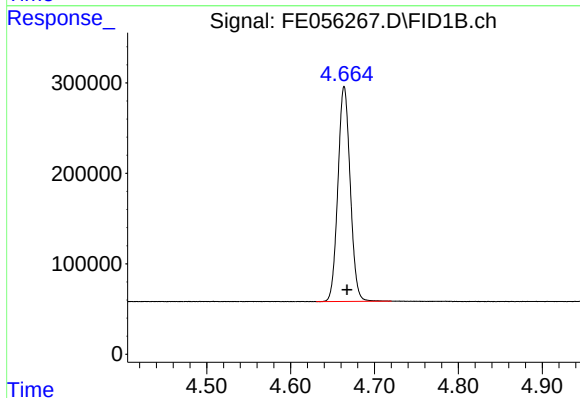




#1 n-Nonane (C9)

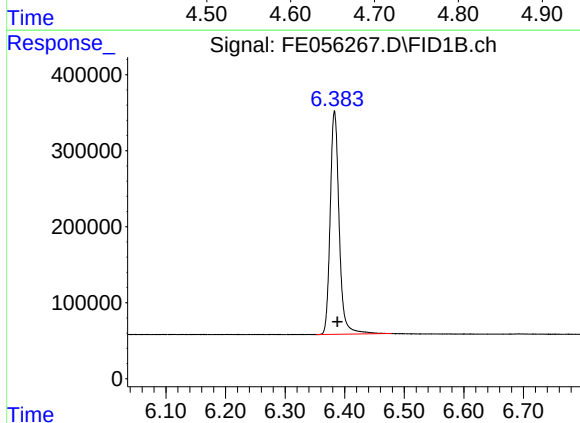
R.T.: 3.405 min
Delta R.T.: -0.003 min
Response: 2216435
Conc: 16.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



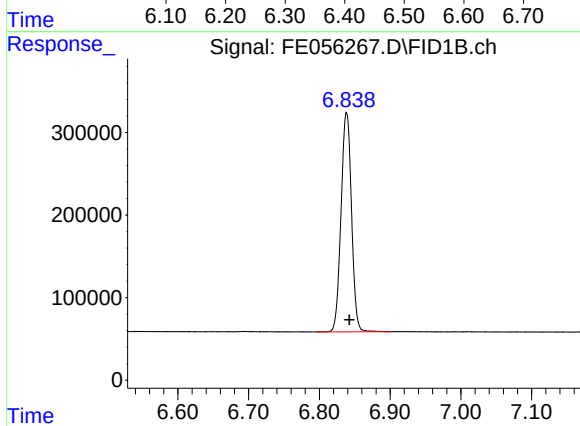
#2 n-Decane (C10)

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 2423030
Conc: 17.36 ug/ml



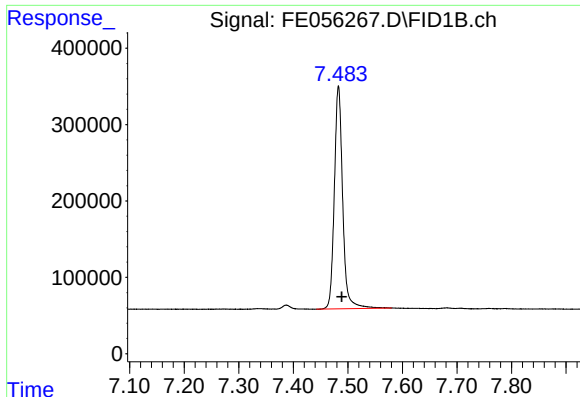
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3078930
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

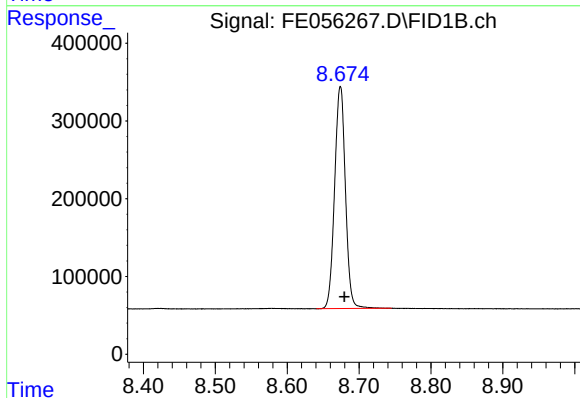
R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 2728716
Conc: 19.01 ug/ml



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

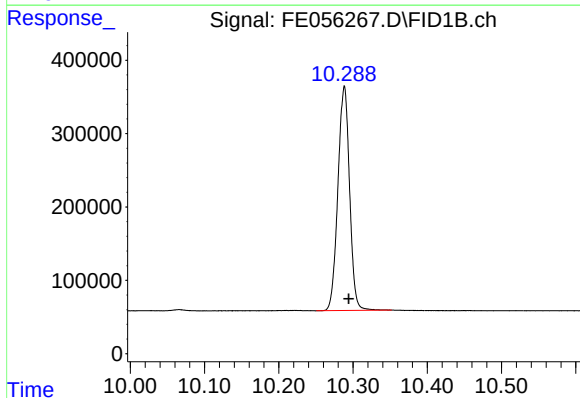
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 3103124
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



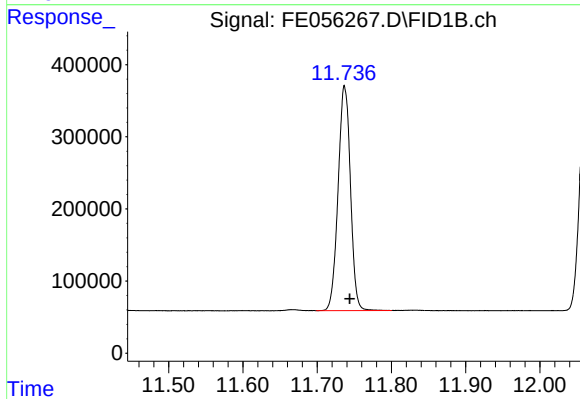
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 2986303
Conc: 20.20 ug/ml



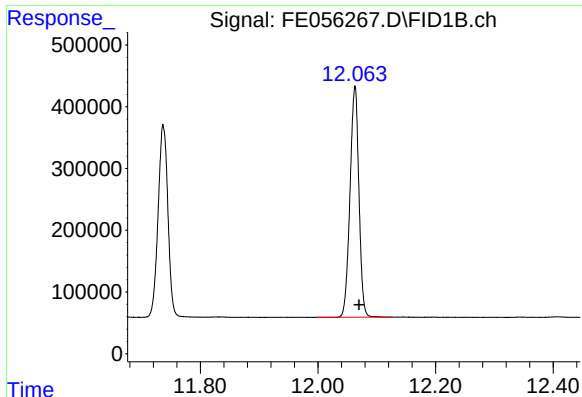
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 3342437
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

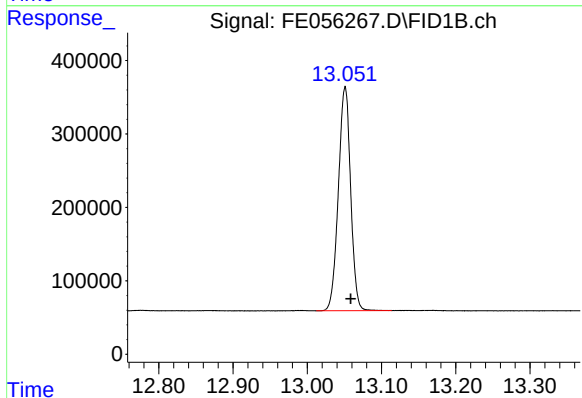
R.T.: 11.737 min
Delta R.T.: -0.007 min
Response: 3598261
Conc: 21.24 ug/ml



#9 ortho-Terphenyl (SURR)

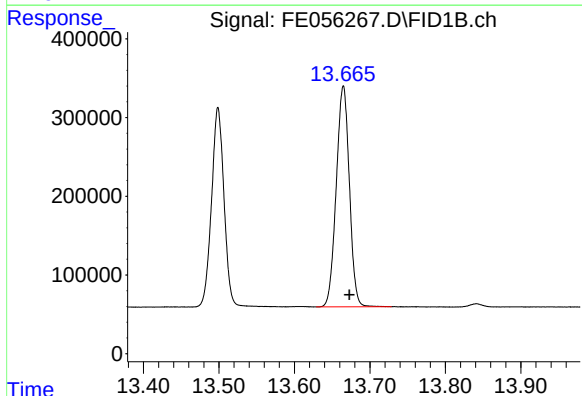
R.T.: 12.063 min
Delta R.T.: -0.007 min
Response: 3937792
Conc: 20.98 ug/ml

Instrument :
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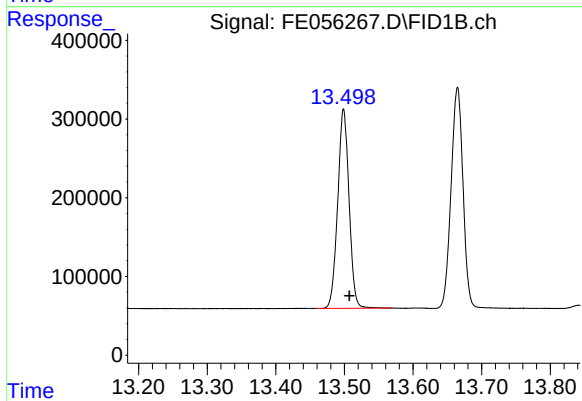
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: -0.008 min
Response: 3497860
Conc: 21.10 ug/ml



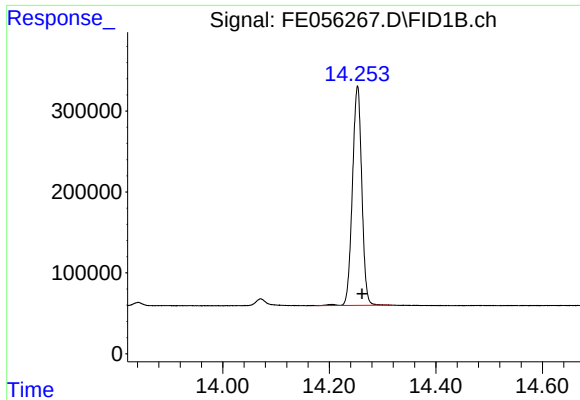
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 3391900
Conc: 20.87 ug/ml



#12 1-chlorooctadecane (SURR)

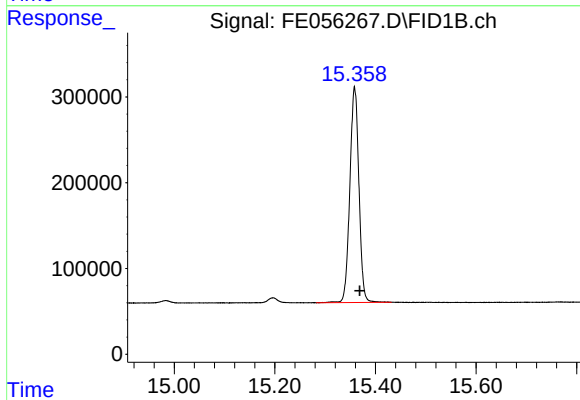
R.T.: 13.499 min
Delta R.T.: -0.009 min
Response: 2907934
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

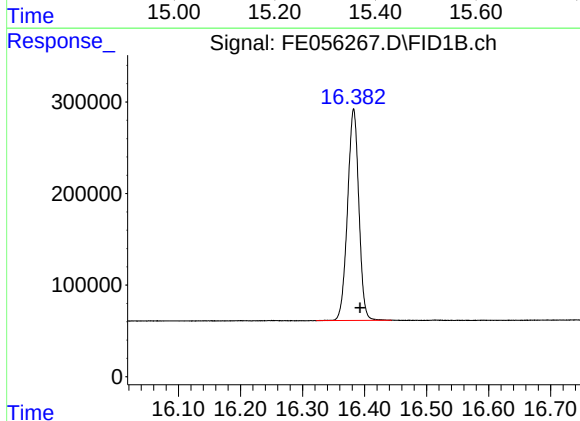
R.T.: 14.253 min
Delta R.T.: -0.009 min
Response: 3319483
Conc: 20.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



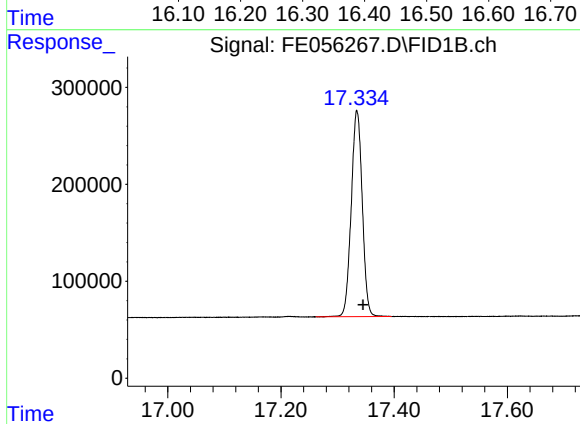
#14 n-Tetracosane (C24)

R.T.: 15.359 min
Delta R.T.: -0.010 min
Response: 3144967
Conc: 20.64 ug/ml



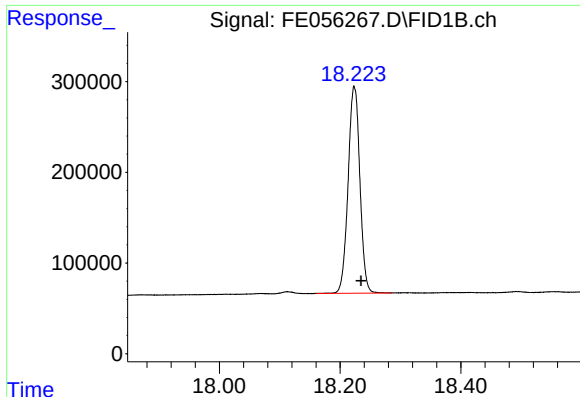
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: -0.010 min
Response: 2925206
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

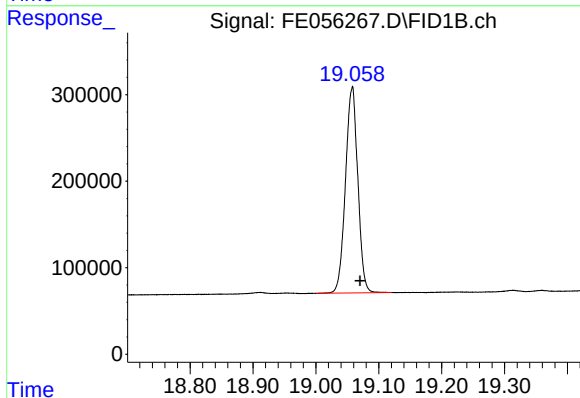
R.T.: 17.334 min
Delta R.T.: -0.010 min
Response: 2877113
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

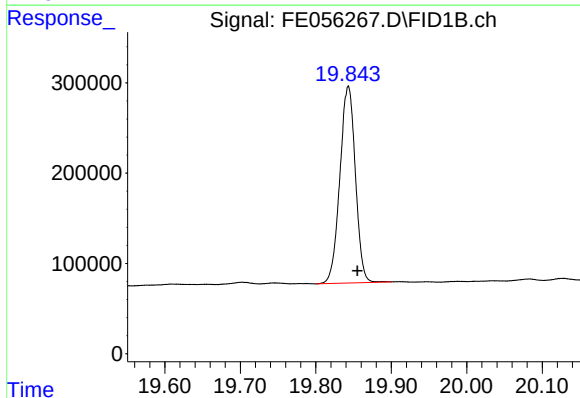
R.T.: 18.224 min
Delta R.T.: -0.011 min
Response: 3085996
Conc: 20.83 ug/ml

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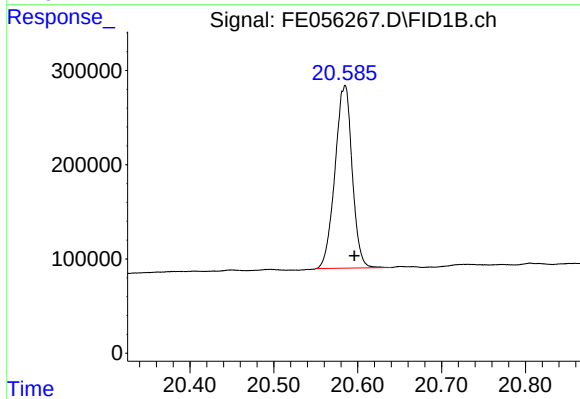
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.013 min
Response: 3248350
Conc: 21.77 ug/ml



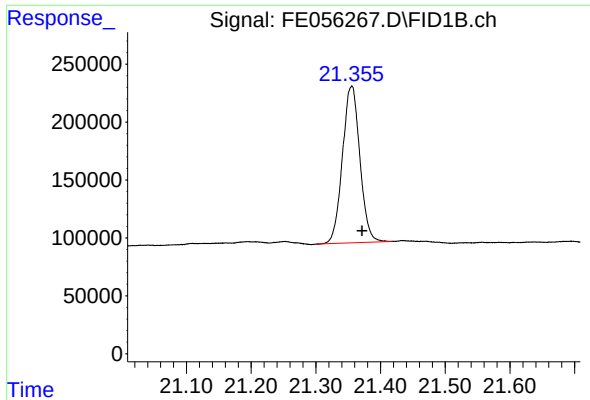
#19 n-Tetratriacontane (C34)

R.T.: 19.843 min
Delta R.T.: -0.012 min
Response: 3115949
Conc: 22.03 ug/ml



#20 n-Hexatriacontane (C36)

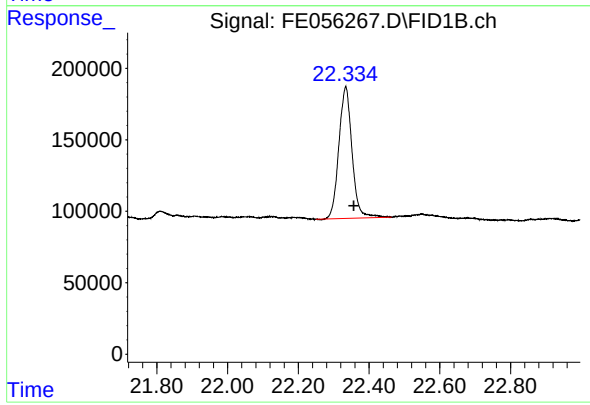
R.T.: 20.584 min
Delta R.T.: -0.012 min
Response: 2761555
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.355 min
Delta R.T.: -0.017 min
Response: 2530981
Conc: 19.27 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.022 min
Response: 2378343
Conc: 19.99 ug/ml