

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
 Data File : FE056601.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2025 09:51
 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 31 23:10:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.975	3988867	19.093 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	13.412	3060291	18.994 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T n-Nonane (C9)	3.327	3046028	18.135 ug/ml
2) T n-Decane (C10)	4.580	3250596	18.944 ug/ml
3) T A~Naphthalene (C11.7)	6.295	3435953	18.615 ug/ml
4) T n-Dodecane (C12)	6.753	3386421	19.470 ug/ml
5) T A~2-methylnaphthalene...	7.395	3320327	18.735 ug/ml
6) T n-Tetradecane (C14)	8.588	3383188	19.382 ug/ml
7) T n-Hexadecane (C16)	10.203	3537824	19.337 ug/ml
8) T n-Octadecane (C18)	11.651	3650877	19.289 ug/ml
10) T n-Eicosane (C20)	12.965	3553551	19.068 ug/ml
11) T n-Heneicosane (C21)	13.579	3506427	19.069 ug/ml
13) T n-Docosane (C22)	14.167	3490766	18.647 ug/ml
14) T n-Tetracosane (C24)	15.274	3487243	17.804 ug/ml
15) T n-Hexacosane (C26)	16.298	3405196	17.522 ug/ml
16) T n-Octacosane (C28)	17.252	3313447	17.109 ug/ml
17) T n-Tricontane (C30)	18.142	3401366	16.965 ug/ml
18) T n-Dotriacontane (C32)	18.977	3306717	16.815 ug/ml
19) T n-Tetratriacontane (C34)	19.762	2972034	17.218 ug/ml
20) T n-Hexatriacontane (C36)	20.504	2522726	17.439 ug/ml
21) T n-Octatriacontane (C38)	21.259	2538859	20.172 ug/ml
22) T n-Tetracontane (C40)	22.205	2602009	22.506 ug/ml

(f)=RT Delta > 1/2 Window

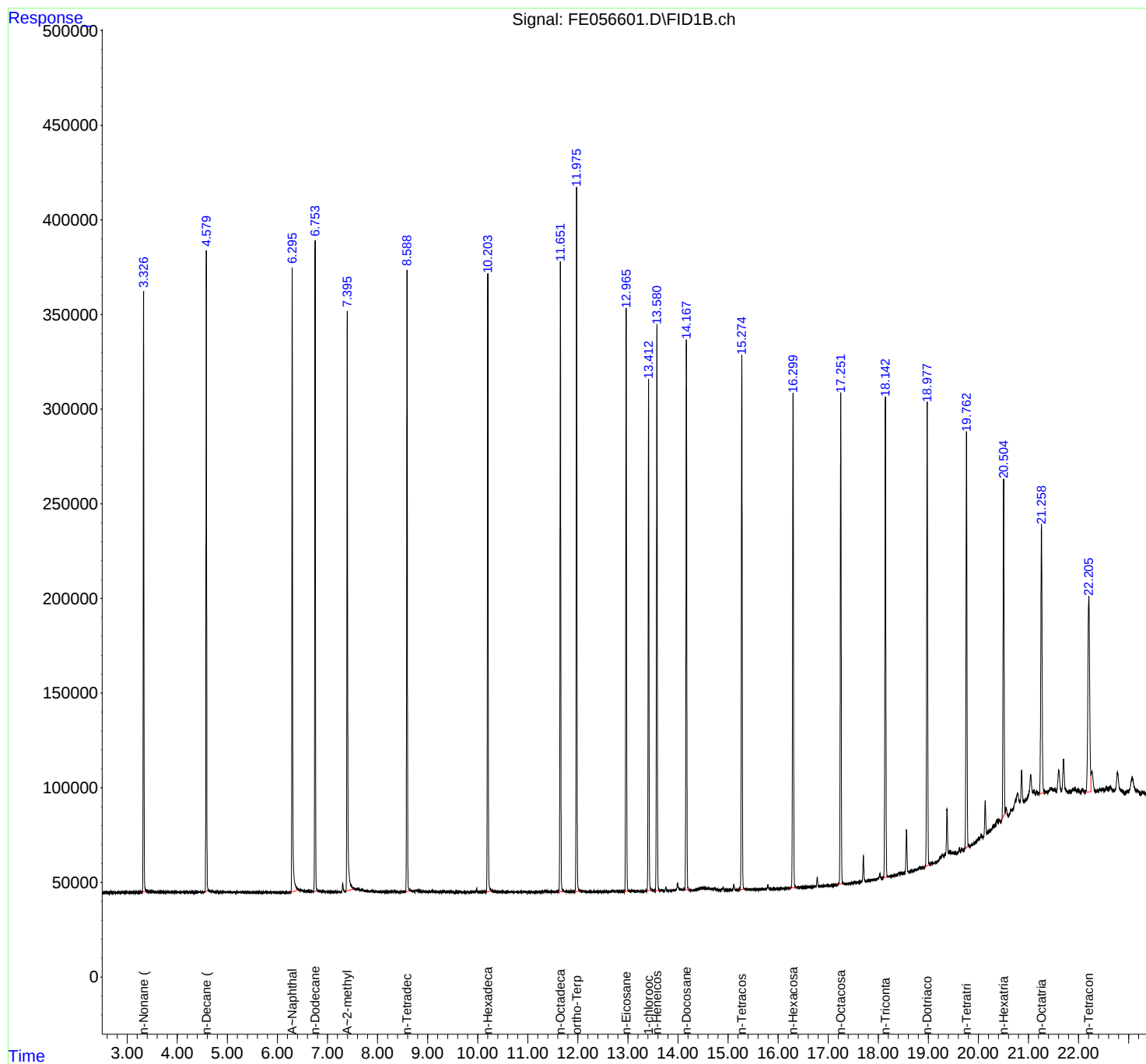
(m)=manual int.

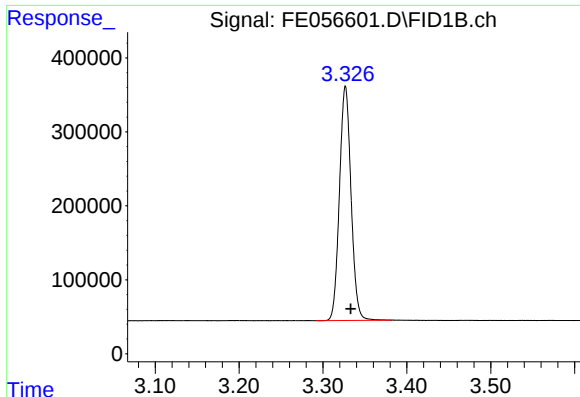
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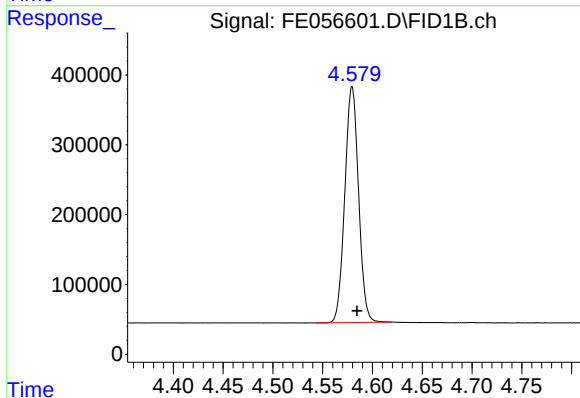




#1 n-Nonane (C9)

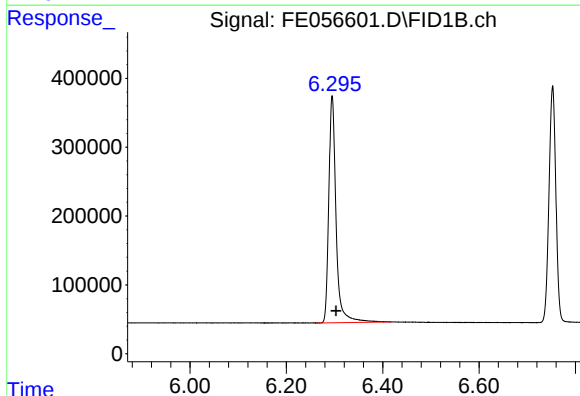
R.T.: 3.327 min
Delta R.T.: -0.006 min
Response: 3046028
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



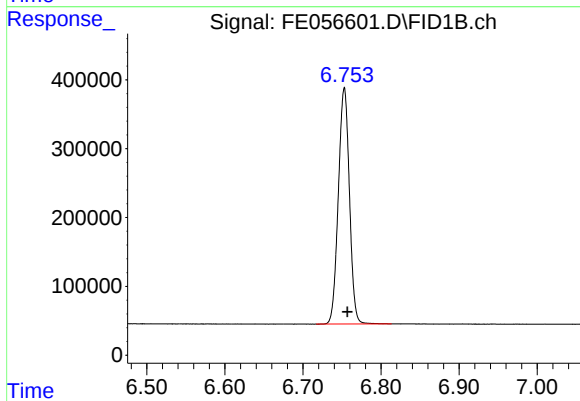
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.005 min
Response: 3250596
Conc: 18.94 ug/ml



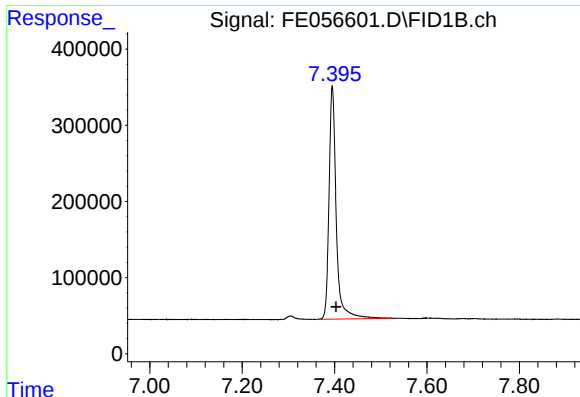
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.008 min
Response: 3435953
Conc: 18.61 ug/ml



#4 n-Dodecane (C12)

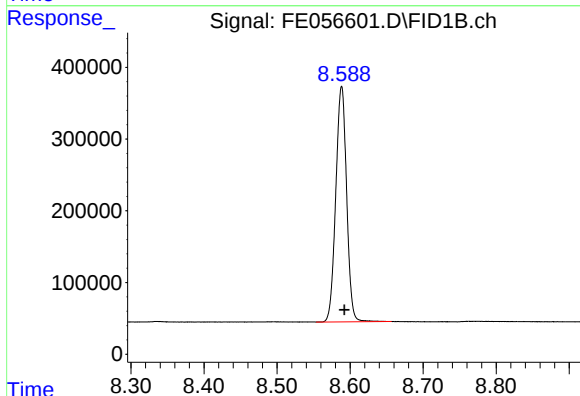
R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 3386421
Conc: 19.47 ug/ml



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

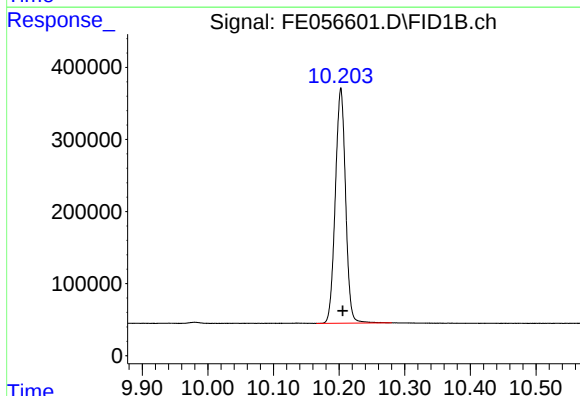
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 3320327
Conc: 18.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



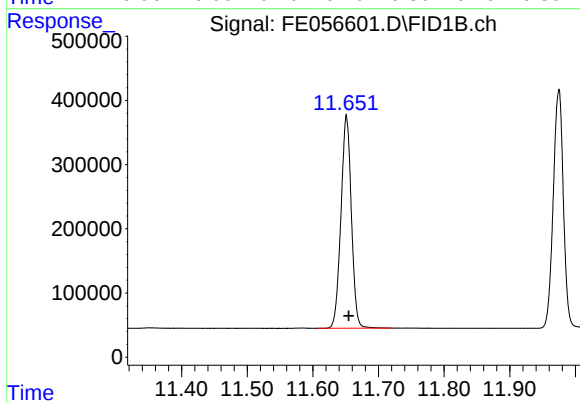
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 3383188
Conc: 19.38 ug/ml



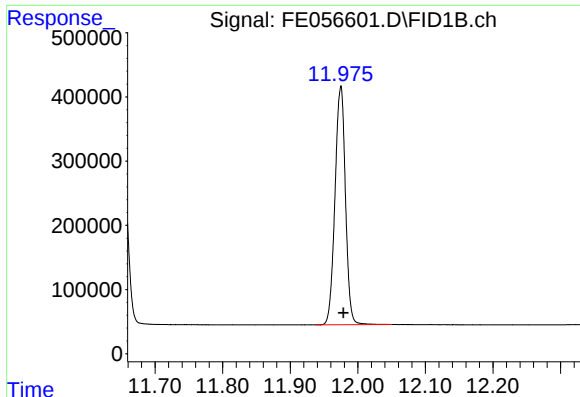
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.003 min
Response: 3537824
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

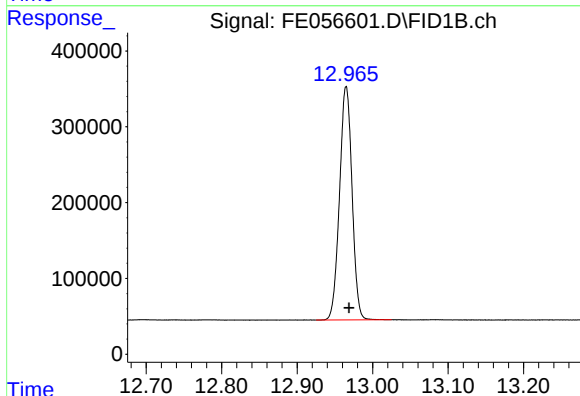
R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 3650877
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

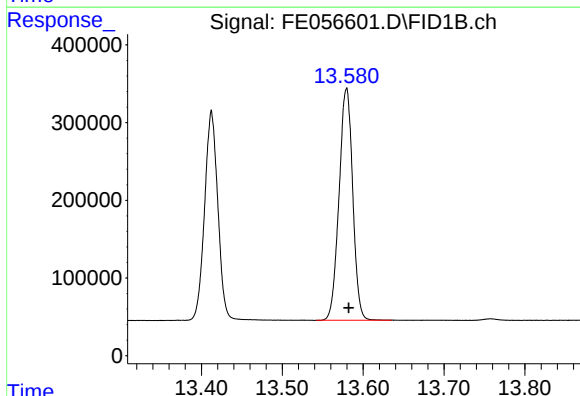
R.T.: 11.975 min
Delta R.T.: -0.004 min
Response: 3988867
Conc: 19.09 ug/ml

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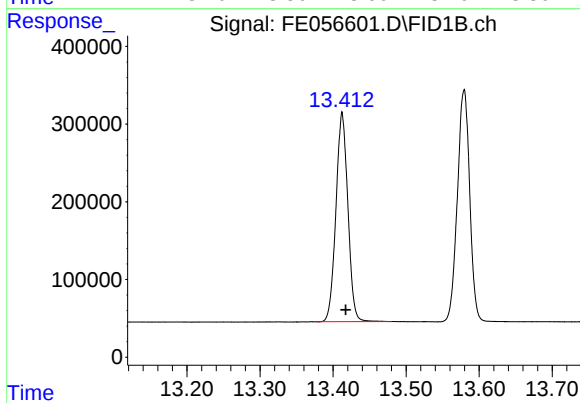
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 3553551
Conc: 19.07 ug/ml



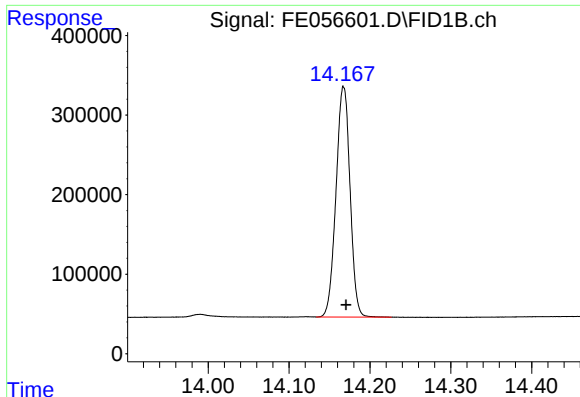
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.003 min
Response: 3506427
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

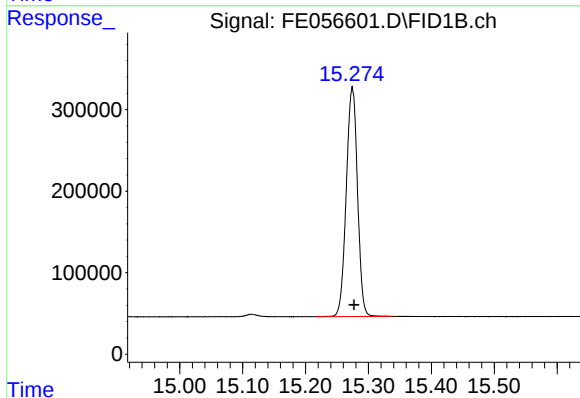
R.T.: 13.412 min
Delta R.T.: -0.005 min
Response: 3060291
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

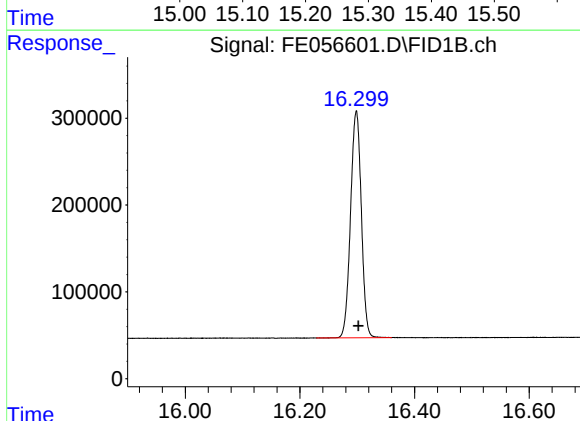
R.T.: 14.167 min
Delta R.T.: -0.003 min
Response: 3490766
Conc: 18.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



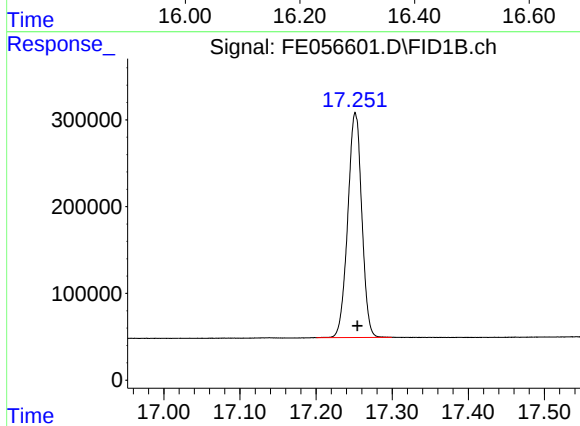
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: -0.003 min
Response: 3487243
Conc: 17.80 ug/ml



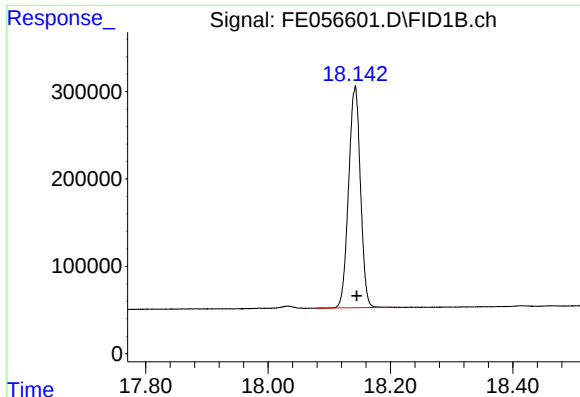
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: -0.004 min
Response: 3405196
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

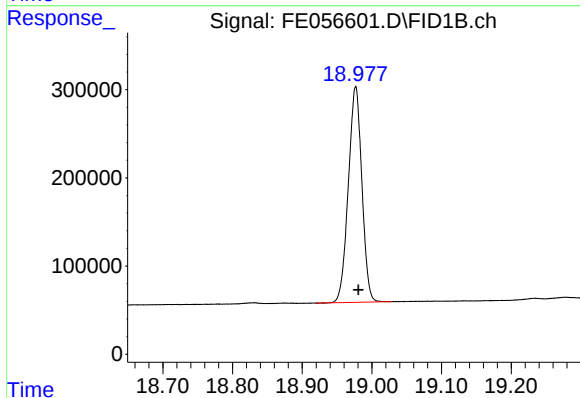
R.T.: 17.252 min
Delta R.T.: -0.003 min
Response: 3313447
Conc: 17.11 ug/ml



#17 n-Tricontane (C30)

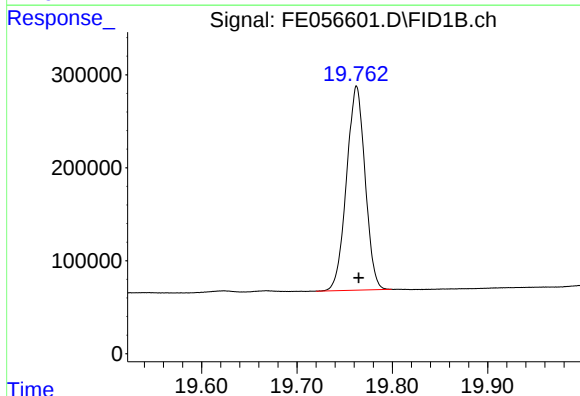
R.T.: 18.142 min
Delta R.T.: -0.003 min
Response: 3401366
Conc: 16.96 ug/ml

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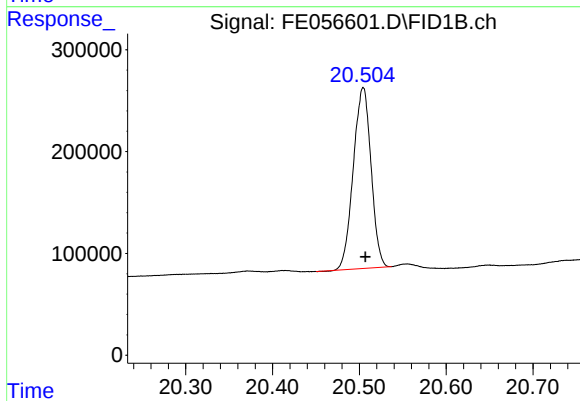
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.004 min
Response: 3306717
Conc: 16.82 ug/ml



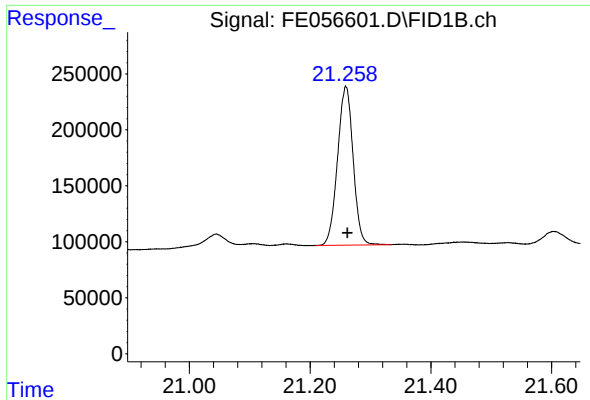
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: -0.002 min
Response: 2972034
Conc: 17.22 ug/ml



#20 n-Hexatriacontane (C36)

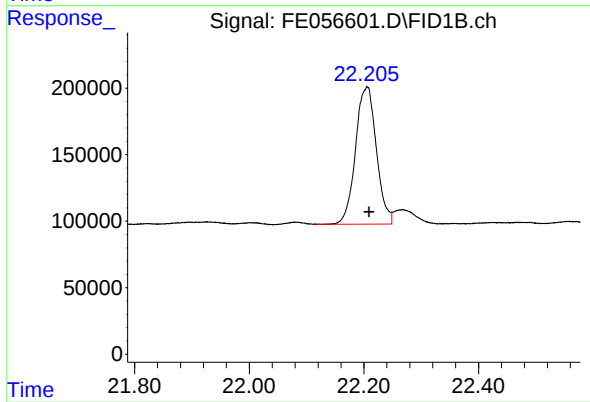
R.T.: 20.504 min
Delta R.T.: -0.003 min
Response: 2522726
Conc: 17.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.003 min
Response: 2538859
Conc: 20.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: -0.004 min
Response: 2602009
Conc: 22.51 ug/ml