

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102325AL\
 Data File : FE056454.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2025 08:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 23 08:52:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.048	4195638	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.485	3168295	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.394	3361322	20.622 ug/ml
2) T n-Decane (C10)	4.648	3584709	21.798 ug/ml
3) T A~Naphthalene (C11.7)	6.365	3799466	21.493 ug/ml
4) T n-Dodecane (C12)	6.821	3677100	21.916 ug/ml
5) T A~2-methylnaphthalene...	7.466	3665796	22.000 ug/ml
6) T n-Tetradecane (C14)	8.658	3639485	21.907 ug/ml
7) T n-Hexadecane (C16)	10.273	3764323	21.516 ug/ml
8) T n-Octadecane (C18)	11.722	3833150	21.014 ug/ml
10) T n-Eicosane (C20)	13.036	3690135	20.725 ug/ml
11) T n-Heneicosane (C21)	13.651	3612193	20.588 ug/ml
13) T n-Docosane (C22)	14.239	3617008	20.434 ug/ml
14) T n-Tetracosane (C24)	15.345	3585706	19.708 ug/ml
15) T n-Hexacosane (C26)	16.369	3482924	19.403 ug/ml
16) T n-Octacosane (C28)	17.322	3411537	19.177 ug/ml
17) T n-Tricontane (C30)	18.212	3516073	19.366 ug/ml
18) T n-Dotriacontane (C32)	19.046	3450815	19.574 ug/ml
19) T n-Tetratriacontane (C34)	19.831	3086031	19.936 ug/ml
20) T n-Hexatriacontane (C36)	20.573	2676561	21.424 ug/ml
21) T n-Octatriacontane (C38)	21.343	2421539	23.177 ug/ml
22) T n-Tetracontane (C40)	22.313	2307694	25.431 ug/ml

(f)=RT Delta > 1/2 Window

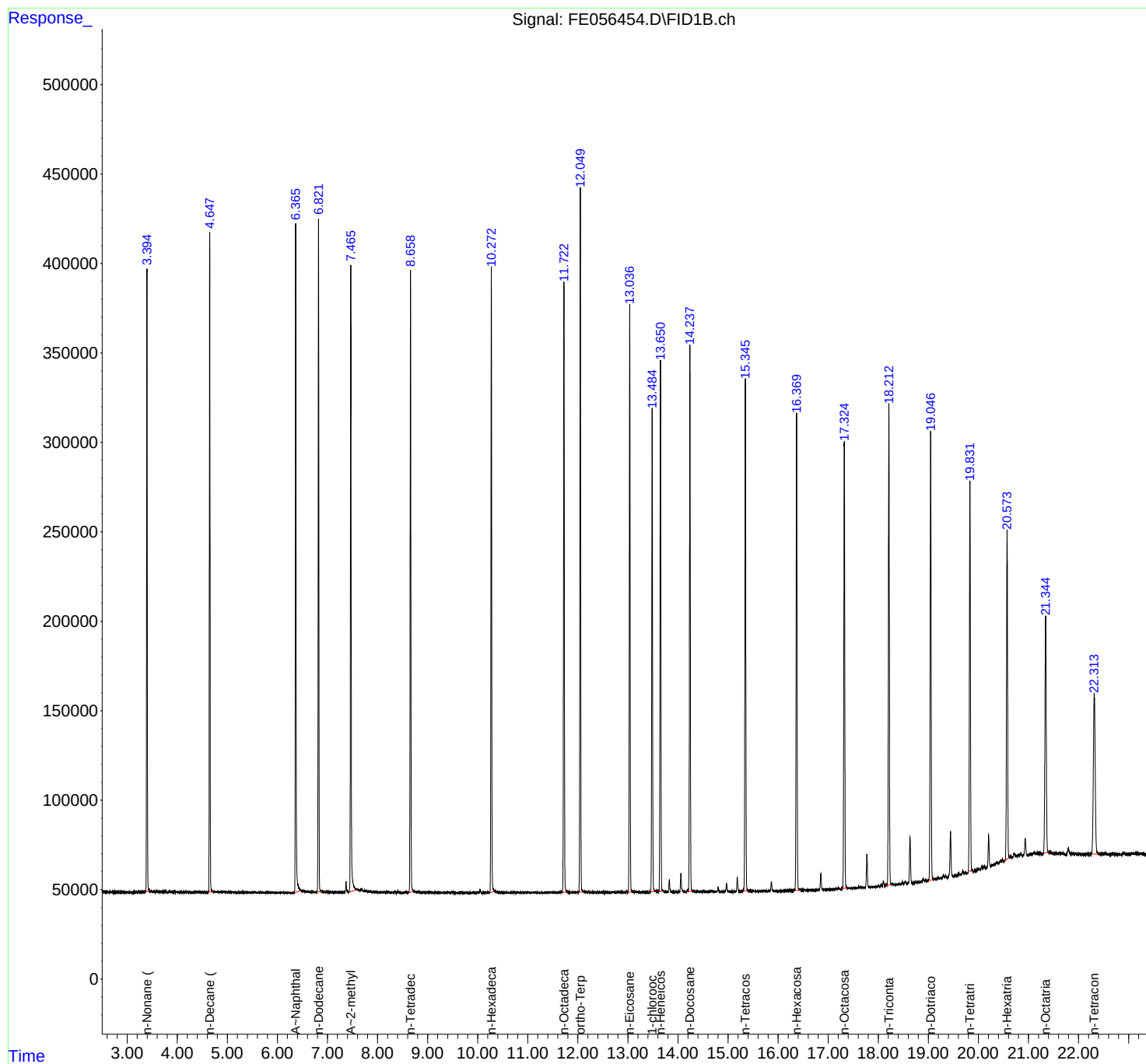
(m)=manual int.

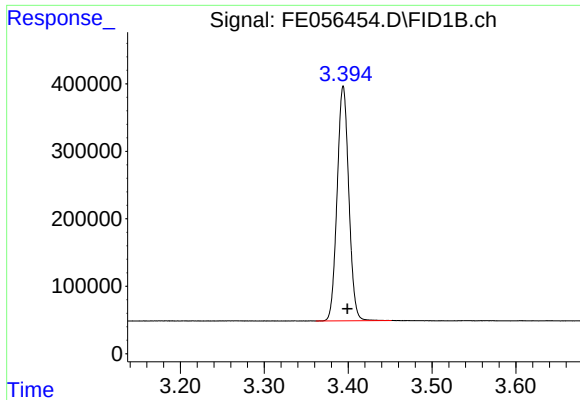
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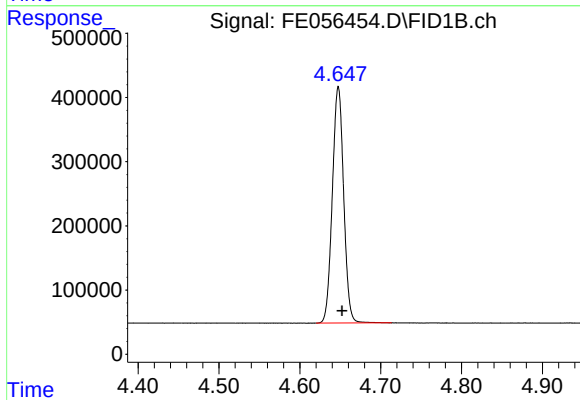




#1 n-Nonane (C9)

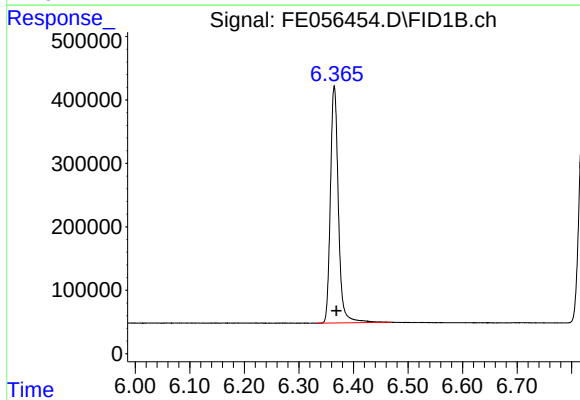
R.T.: 3.394 min
Delta R.T.: -0.005 min
Response: 3361322
Conc: 20.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



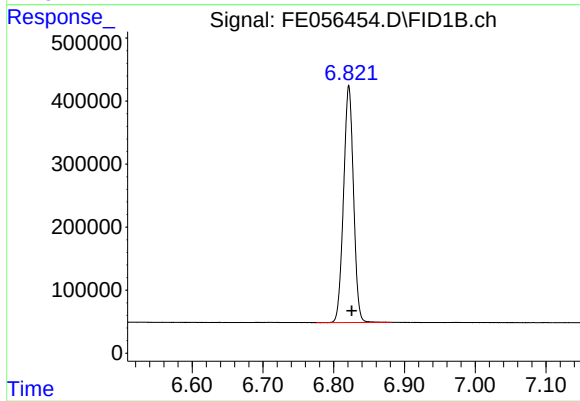
#2 n-Decane (C10)

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 3584709
Conc: 21.80 ug/ml



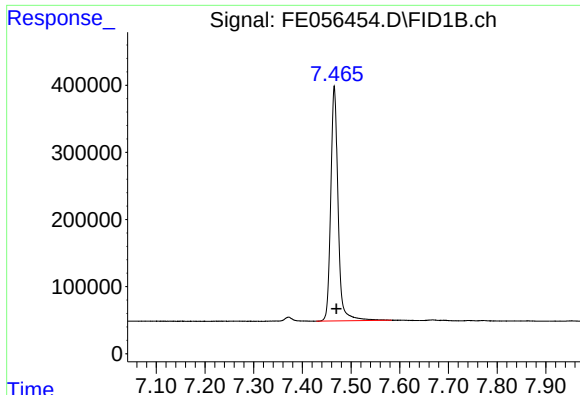
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 3799466
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

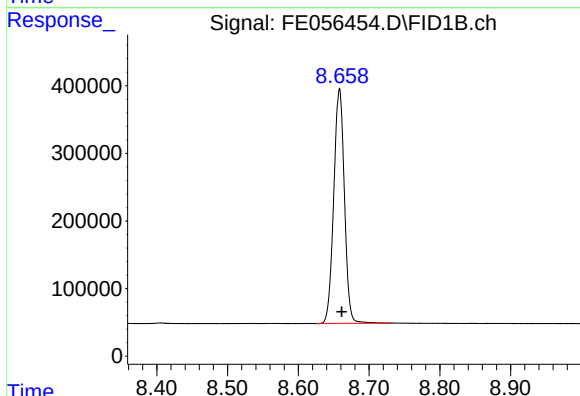
R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 3677100
Conc: 21.92 ug/ml



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

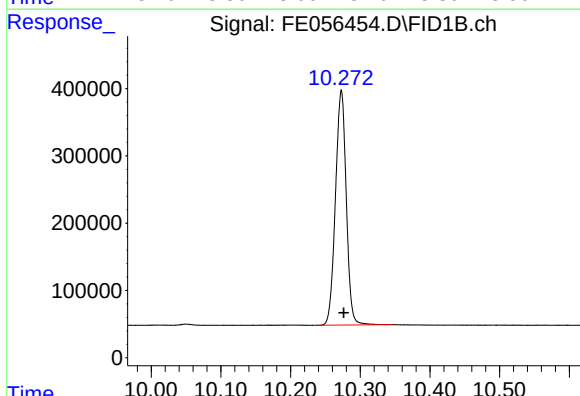
R.T.: 7.466 min
Delta R.T.: -0.004 min
Response: 3665796
Conc: 22.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



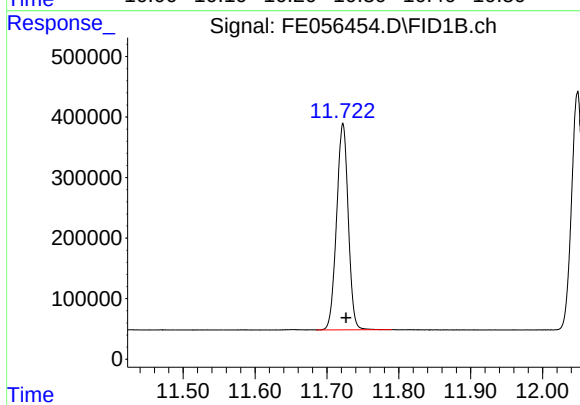
#6 n-Tetradecane (C14)

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 3639485
Conc: 21.91 ug/ml



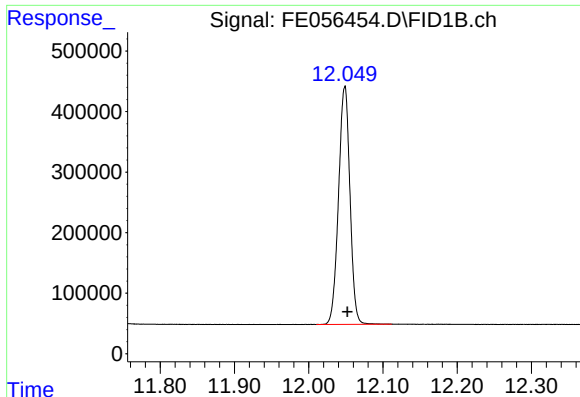
#7 n-Hexadecane (C16)

R.T.: 10.273 min
Delta R.T.: -0.004 min
Response: 3764323
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

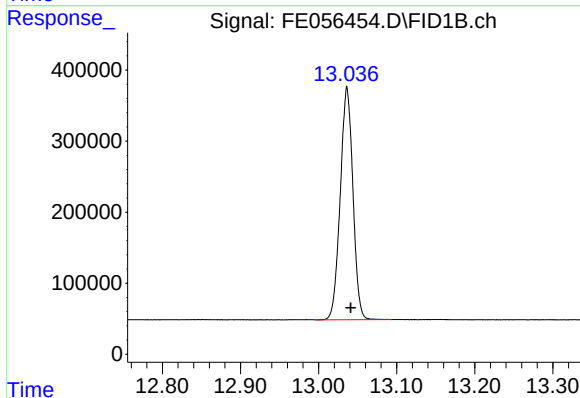
R.T.: 11.722 min
Delta R.T.: -0.004 min
Response: 3833150
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

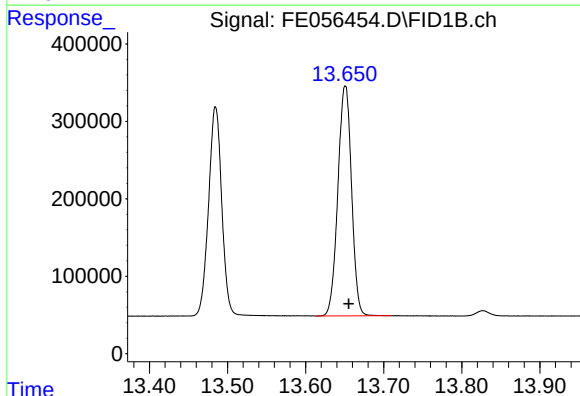
R.T.: 12.048 min
Delta R.T.: -0.004 min
Response: 4195638
Conc: 20.54 ug/ml

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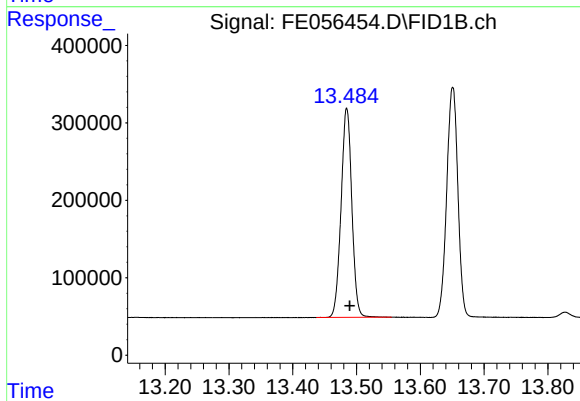
#10 n-Eicosane (C20)

R.T.: 13.036 min
Delta R.T.: -0.005 min
Response: 3690135
Conc: 20.73 ug/ml



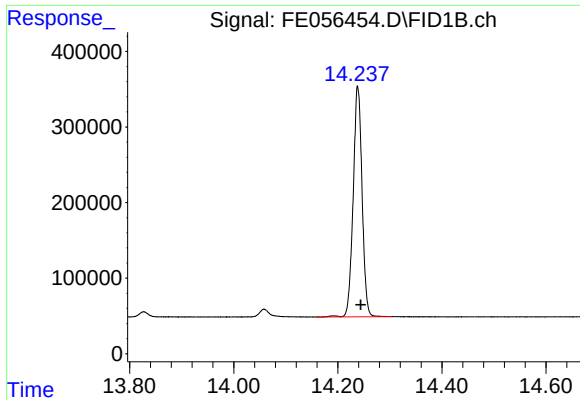
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: -0.004 min
Response: 3612193
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

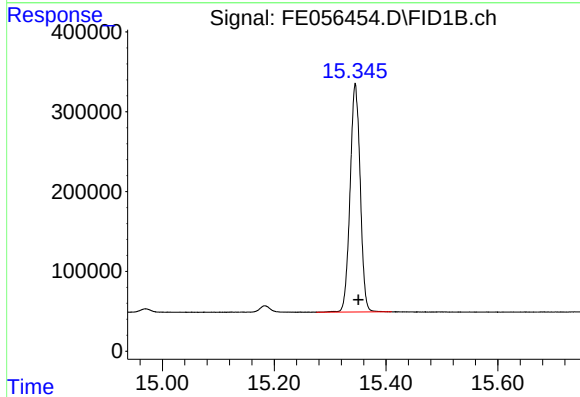
R.T.: 13.485 min
Delta R.T.: -0.005 min
Response: 3168295
Conc: 20.76 ug/ml



#13 n-Docosane (C22)

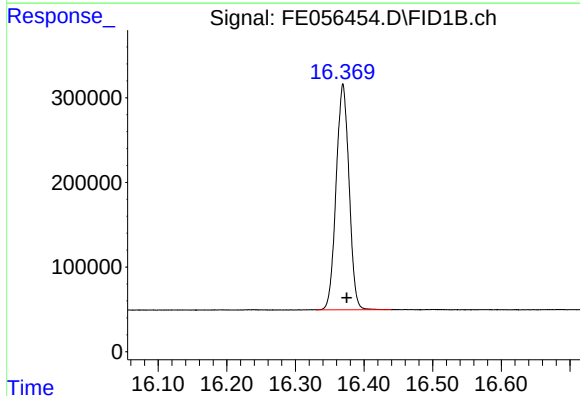
R.T.: 14.239 min
Delta R.T.: -0.005 min
Response: 3617008
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



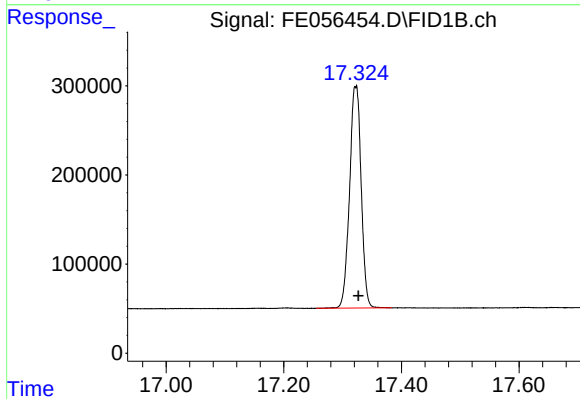
#14 n-Tetracosane (C24)

R.T.: 15.345 min
Delta R.T.: -0.005 min
Response: 3585706
Conc: 19.71 ug/ml



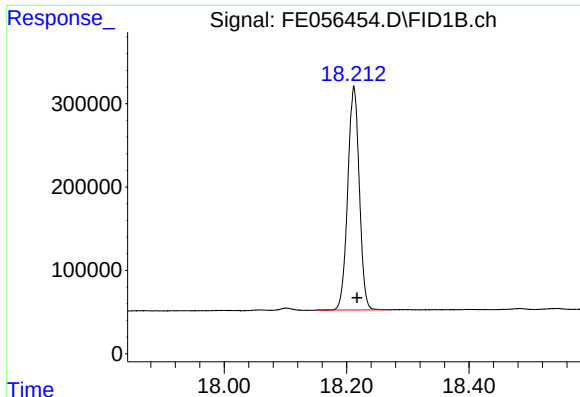
#15 n-Hexacosane (C26)

R.T.: 16.369 min
Delta R.T.: -0.005 min
Response: 3482924
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

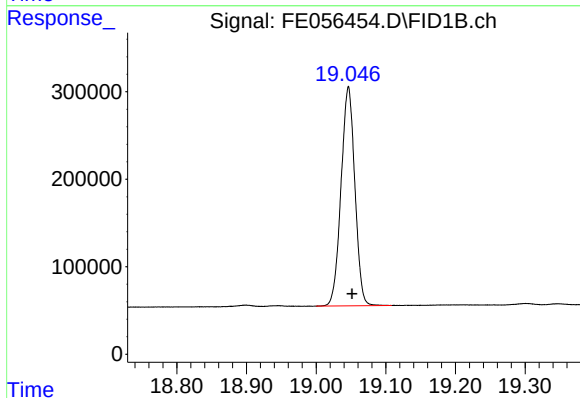
R.T.: 17.322 min
Delta R.T.: -0.004 min
Response: 3411537
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

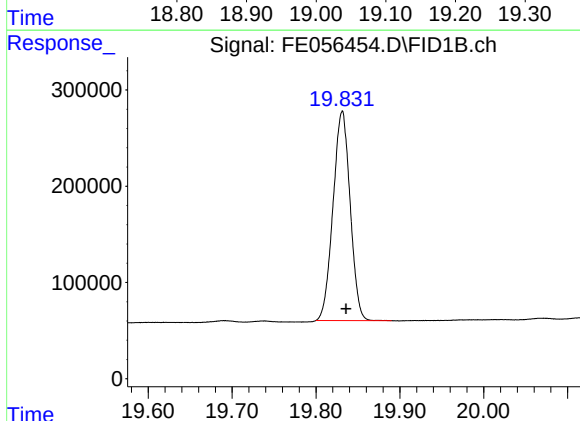
R.T.: 18.212 min
Delta R.T.: -0.005 min
Response: 3516073
Conc: 19.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



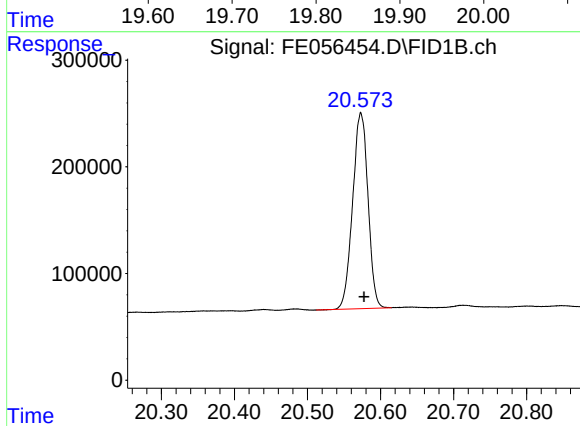
#18 n-Dotriacontane (C32)

R.T.: 19.046 min
Delta R.T.: -0.005 min
Response: 3450815
Conc: 19.57 ug/ml



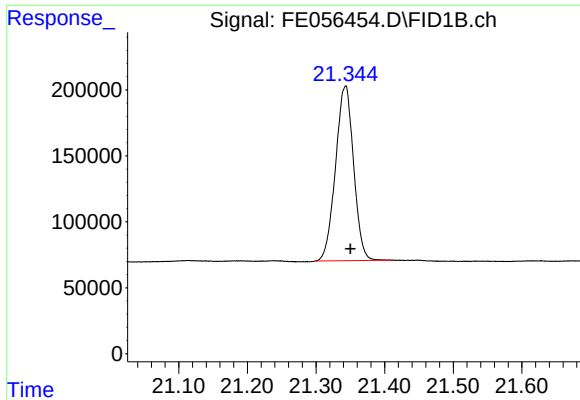
#19 n-Tetratriacontane (C34)

R.T.: 19.831 min
Delta R.T.: -0.005 min
Response: 3086031
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

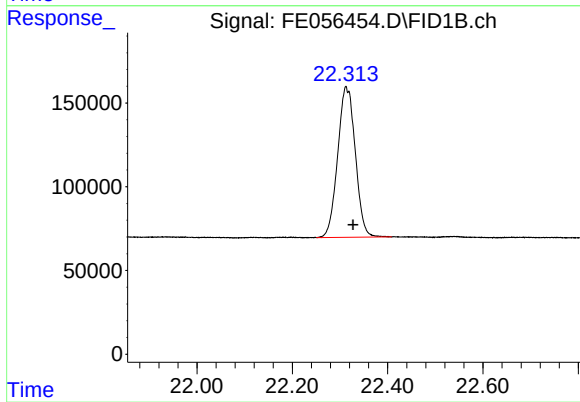
R.T.: 20.573 min
Delta R.T.: -0.005 min
Response: 2676561
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.343 min
Delta R.T.: -0.007 min
Response: 2421539
Conc: 23.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.313 min
Delta R.T.: -0.014 min
Response: 2307694
Conc: 25.43 ug/ml