

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102225AL\
 Data File : FE056442.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2025 14:13
 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: sample.E
 Quant Time: Oct 22 16:51:50 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)	12.049	3759160	18.401 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.487	2812809	18.435 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
Target Compounds			
1) T n-Nonane (C9)	3.396	3145068	19.295 ug/ml
2) T n-Decane (C10)	4.649	3343521	20.331 ug/ml
3) T A~Naphthalene (C11.7)	6.366	3517563	19.898 ug/ml
4) T n-Dodecane (C12)	6.823	3417700	20.370 ug/ml
5) T A~2-methylnaphthalene...	7.467	3362380	20.179 ug/ml
6) T n-Tetradecane (C14)	8.659	3356373	20.203 ug/ml
7) T n-Hexadecane (C16)	10.274	3421772	19.558 ug/ml
8) T n-Octadecane (C18)	11.723	3451953	18.924 ug/ml
10) T n-Eicosane (C20)	13.038	3280873	18.427 ug/ml
11) T n-Heneicosane (C21)	13.652	3202786	18.255 ug/ml
13) T n-Docosane (C22)	14.241	3194063	18.044 ug/ml
14) T n-Tetracosane (C24)	15.347	3166502	17.404 ug/ml
15) T n-Hexacosane (C26)	16.372	3087335	17.199 ug/ml
16) T n-Octacosane (C28)	17.324	3057159	17.185 ug/ml
17) T n-Tricontane (C30)	18.214	3180818	17.519 ug/ml
18) T n-Dotriacontane (C32)	19.048	3141093	17.817 ug/ml
19) T n-Tetratriacontane (C34)	19.833	2847272	18.393 ug/ml
20) T n-Hexatriacontane (C36)	20.573	2486888	19.906 ug/ml
21) T n-Octatriacontane (C38)	21.344	2251341	21.548 ug/ml
22) T n-Tetracontane (C40)	22.318	2173158	23.948 ug/ml

(f)=RT Delta > 1/2 Window

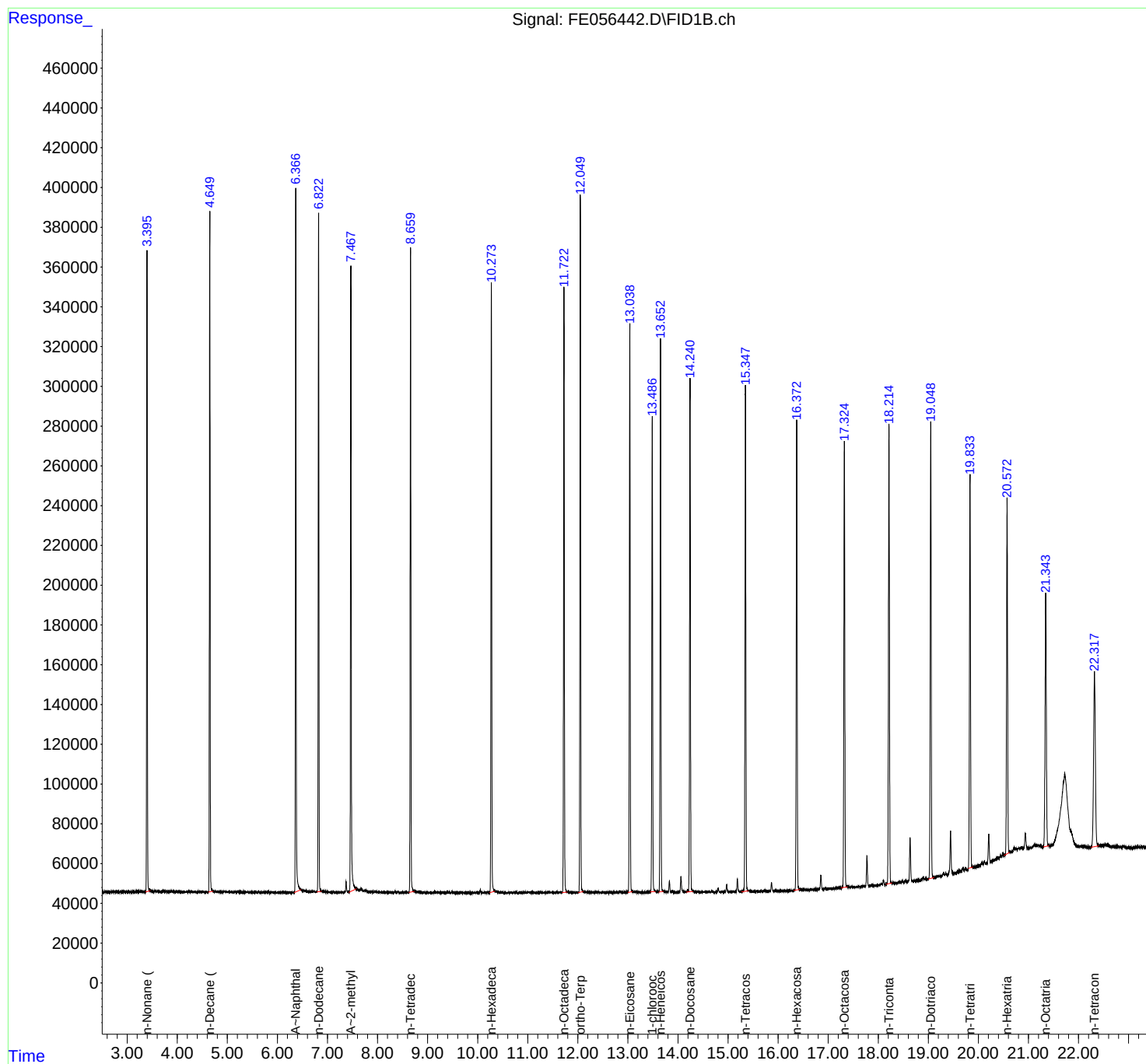
(m)=manual int.

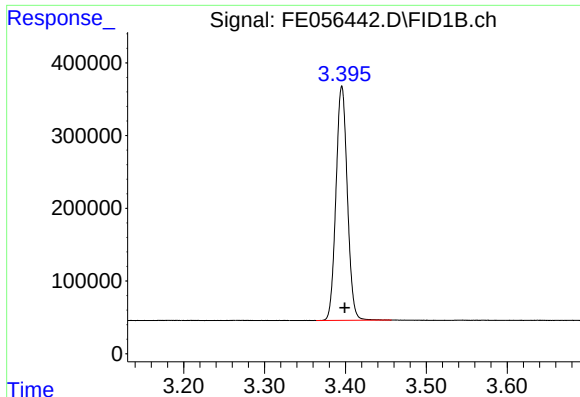
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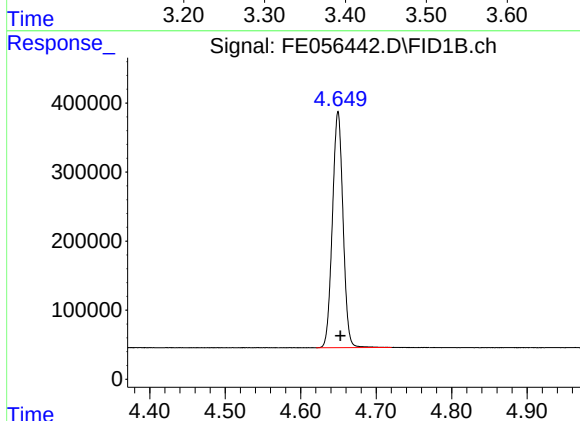




#1 n-Nonane (C9)

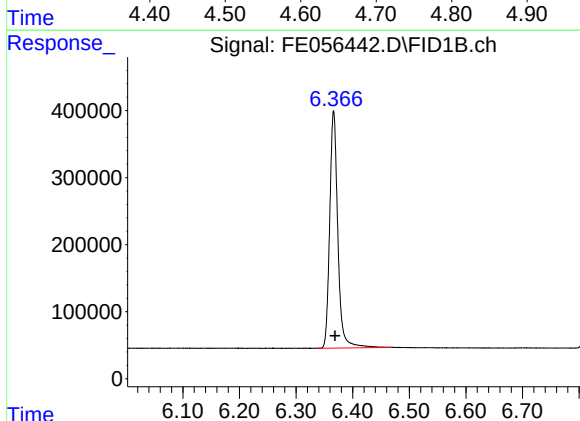
R.T.: 3.396 min
Delta R.T.: -0.003 min
Response: 3145068
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



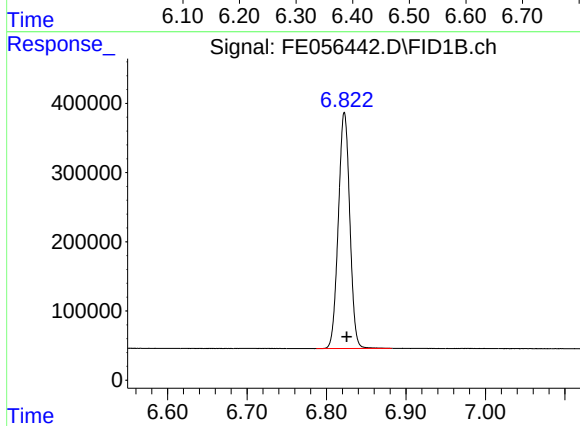
#2 n-Decane (C10)

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 3343521
Conc: 20.33 ug/ml



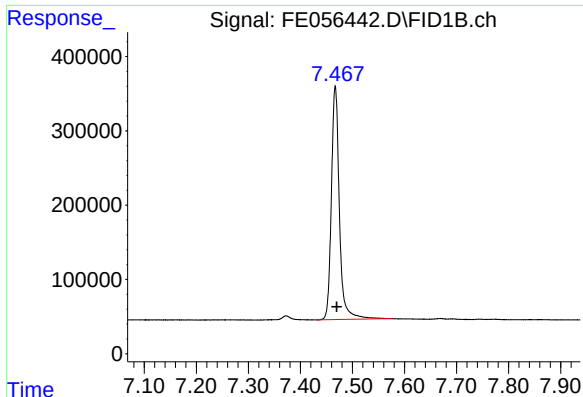
#3 A~Naphthalene (C11.7)

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 3517563
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

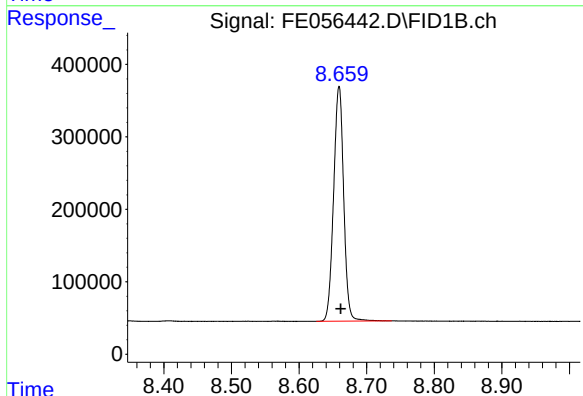
R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 3417700
Conc: 20.37 ug/ml



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

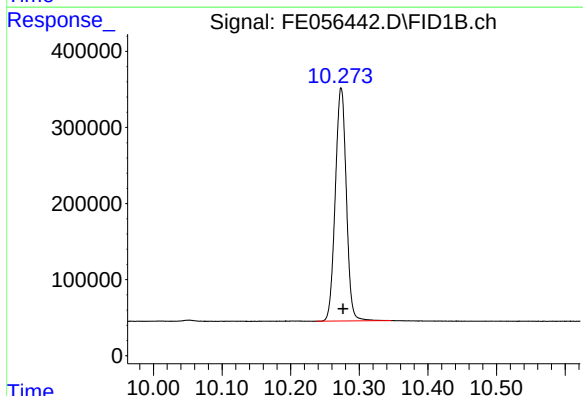
R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 3362380
Conc: 20.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



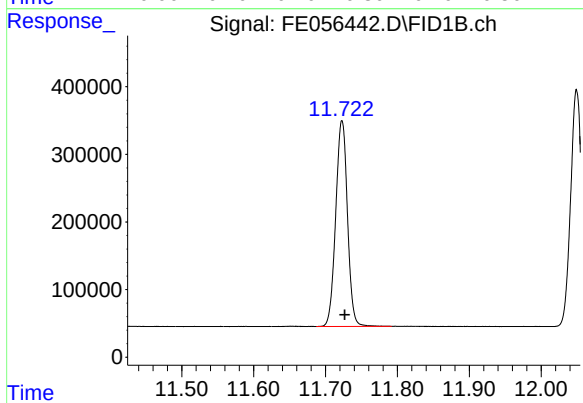
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 3356373
Conc: 20.20 ug/ml



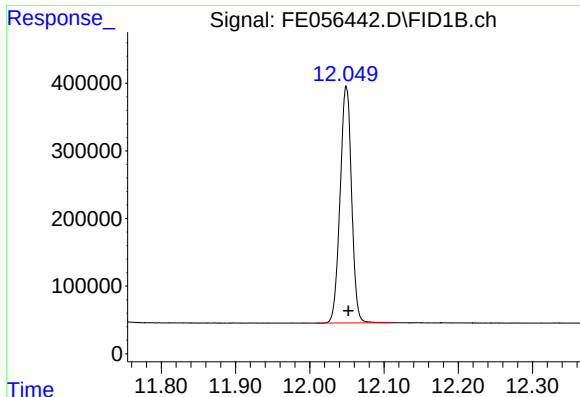
#7 n-Hexadecane (C16)

R.T.: 10.274 min
Delta R.T.: -0.003 min
Response: 3421772
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

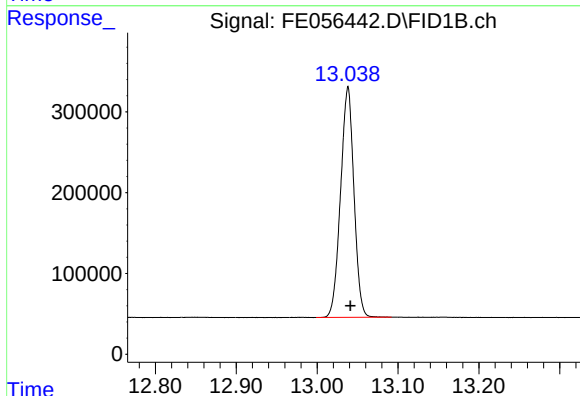
R.T.: 11.723 min
Delta R.T.: -0.004 min
Response: 3451953
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

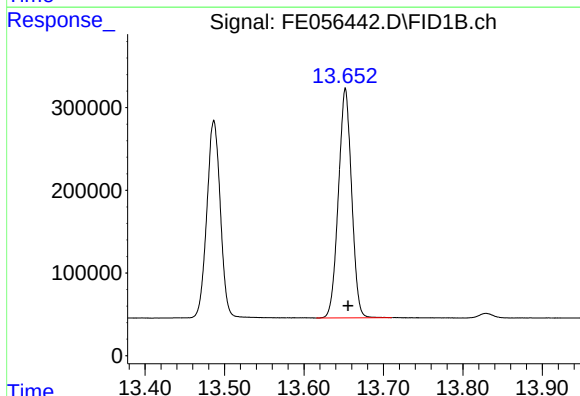
R.T.: 12.049 min
Delta R.T.: -0.003 min
Response: 3759160
Conc: 18.40 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



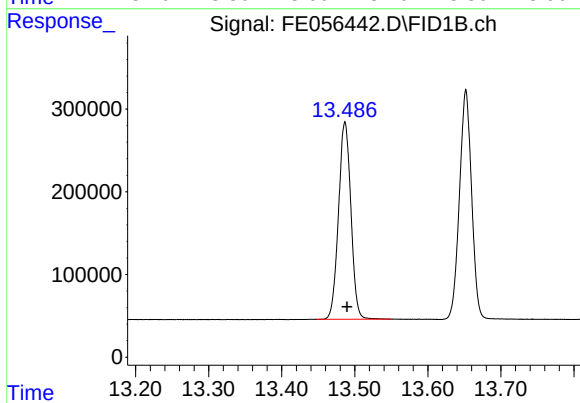
#10 n-Eicosane (C20)

R.T.: 13.038 min
Delta R.T.: -0.003 min
Response: 3280873
Conc: 18.43 ug/ml



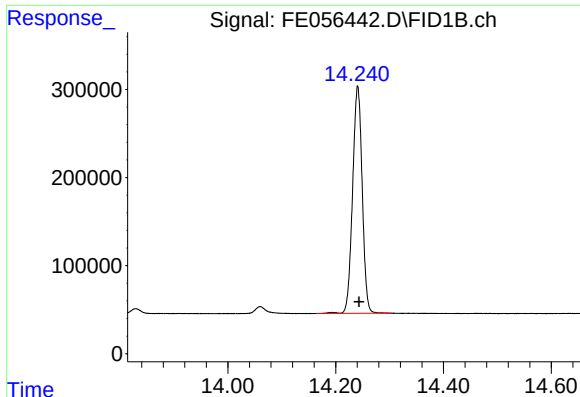
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: -0.003 min
Response: 3202786
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

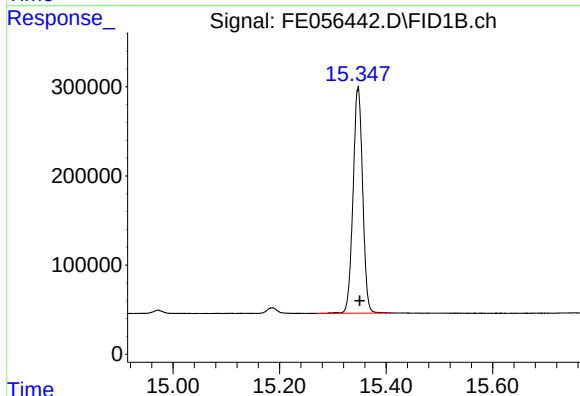
R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 2812809
Conc: 18.43 ug/ml



#13 n-Docosane (C22)

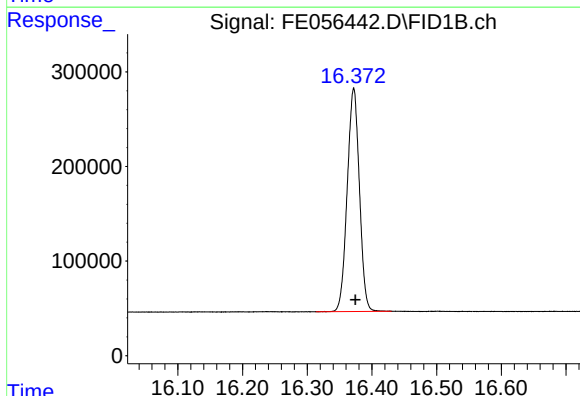
R.T.: 14.241 min
Delta R.T.: -0.003 min
Response: 3194063
Conc: 18.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



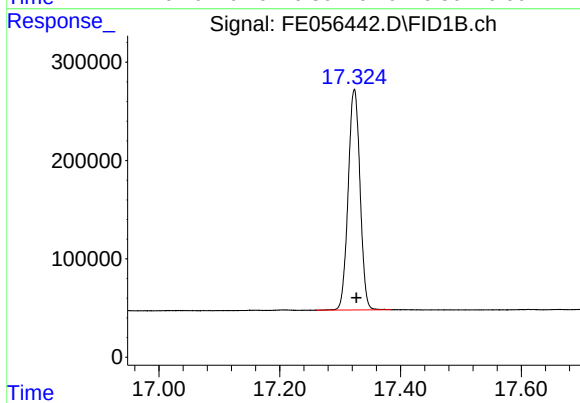
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: -0.003 min
Response: 3166502
Conc: 17.40 ug/ml



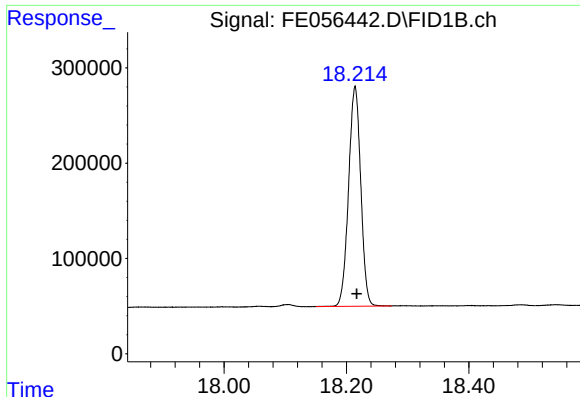
#15 n-Hexacosane (C26)

R.T.: 16.372 min
Delta R.T.: -0.003 min
Response: 3087335
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

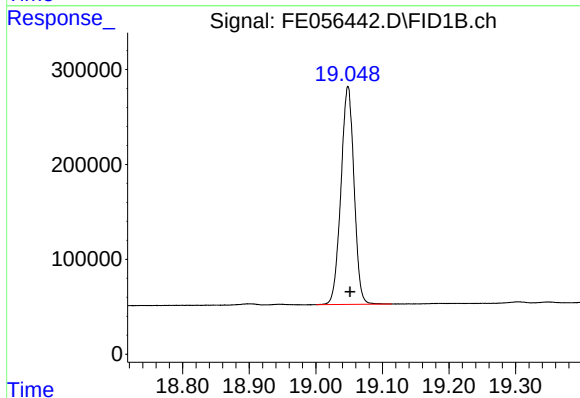
R.T.: 17.324 min
Delta R.T.: -0.003 min
Response: 3057159
Conc: 17.18 ug/ml



#17 n-Tricontane (C30)

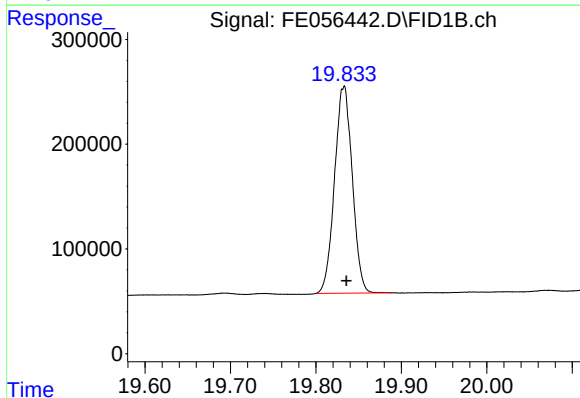
R.T.: 18.214 min
Delta R.T.: -0.003 min
Response: 3180818
Conc: 17.52 ug/ml

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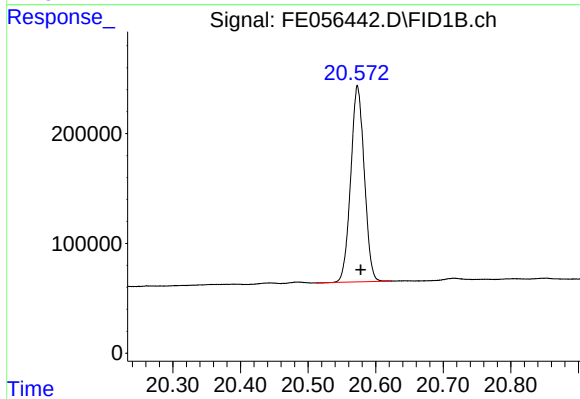
#18 n-Dotriacontane (C32)

R.T.: 19.048 min
Delta R.T.: -0.003 min
Response: 3141093
Conc: 17.82 ug/ml



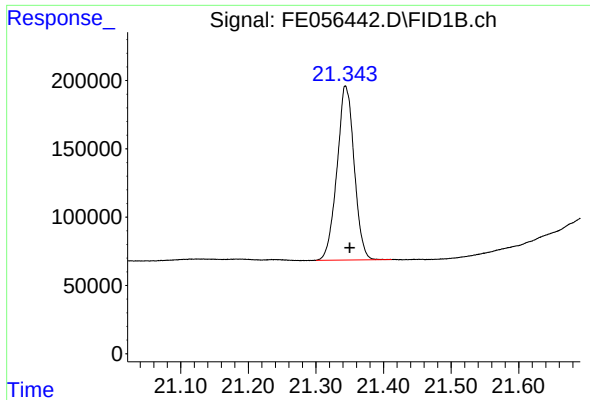
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min
Delta R.T.: -0.003 min
Response: 2847272
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

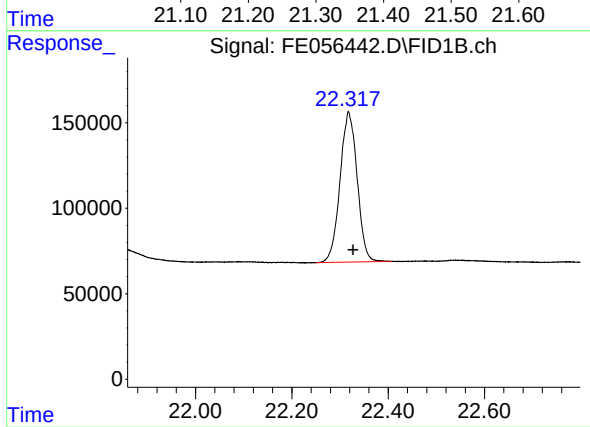
R.T.: 20.573 min
Delta R.T.: -0.004 min
Response: 2486888
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.344 min
Delta R.T.: -0.006 min
Response: 2251341
Conc: 21.55 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.318 min
Delta R.T.: -0.009 min
Response: 2173158
Conc: 23.95 ug/ml