

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070325AL\
 Data File : FE054684.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2025 10:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 04 03:00:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.074	3442467	21.198 ug/ml
Spiked Amount 50.000		Recovery =	42.40%
12) S 1-chlorooctadecane (S...	13.510	2627124	20.802 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	3.421	2947587	21.914 ug/ml
2) T n-Decane (C10)	4.676	3054295	22.384 ug/ml
3) T A~Naphthalene (C11.7)	6.390	3375307	22.292 ug/ml
4) T n-Dodecane (C12)	6.850	3106864	22.644 ug/ml
5) T A~2-methylnaphthalene...	7.491	3278214	22.300 ug/ml
6) T n-Tetradecane (C14)	8.686	3114412	22.466 ug/ml
7) T n-Hexadecane (C16)	10.300	3188556	22.374 ug/ml
8) T n-Octadecane (C18)	11.749	3208917	21.896 ug/ml
10) T n-Eicosane (C20)	13.064	3092054	21.503 ug/ml
11) T n-Heneicosane (C21)	13.677	2991629	20.945 ug/ml
13) T n-Docosane (C22)	14.265	3093138	21.662 ug/ml
14) T n-Tetracosane (C24)	15.371	3230468	22.223 ug/ml
15) T n-Hexacosane (C26)	16.394	3311820	22.885 ug/ml
16) T n-Octacosane (C28)	17.347	3368610	23.114 ug/ml
17) T n-Tricontane (C30)	18.235	3416593	21.681 ug/ml
18) T n-Dotriacontane (C32)	19.070	3194805	19.747 ug/ml
19) T n-Tetratriacontane (C34)	19.853	2794256	18.336 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2447393	18.202 ug/ml
21) T n-Octatriacontane (C38)	21.372	2237310	19.076 ug/ml
22) T n-Tetracontane (C40)	22.360	2166286	19.987 ug/ml

(f)=RT Delta > 1/2 Window

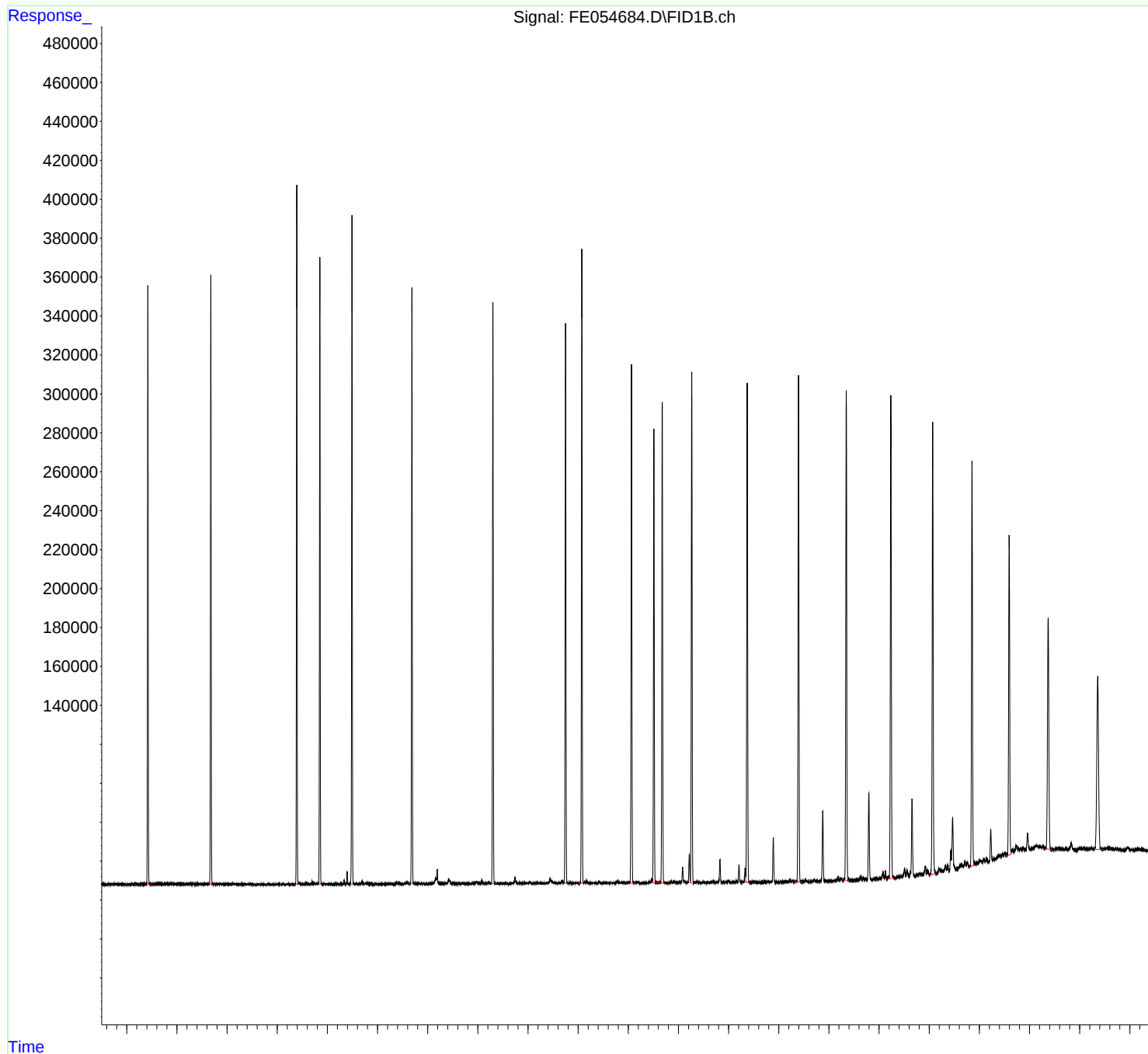
(m)=manual int.

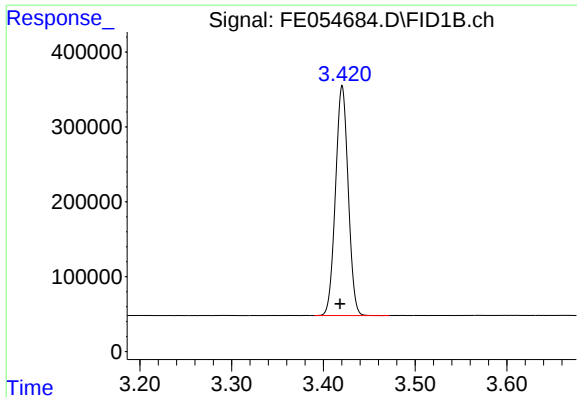
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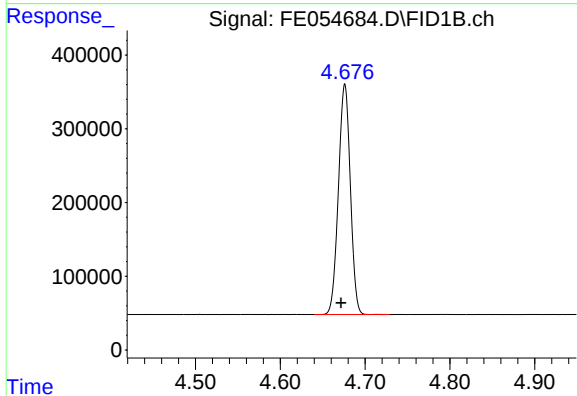




#1 n-Nonane (C9)

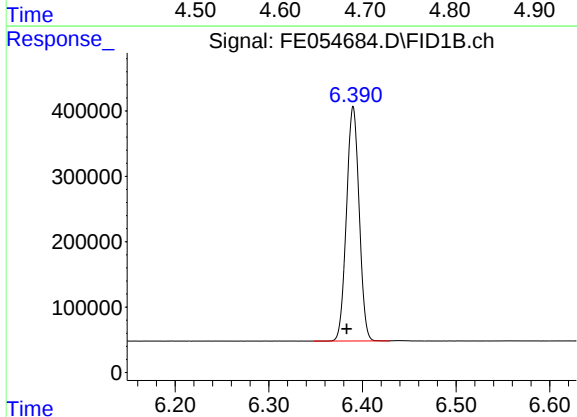
R.T.: 3.421 min
Delta R.T.: 0.003 min
Response: 2947587
Conc: 21.91 ug/ml

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20 PPM ALIPHATIC HC STD



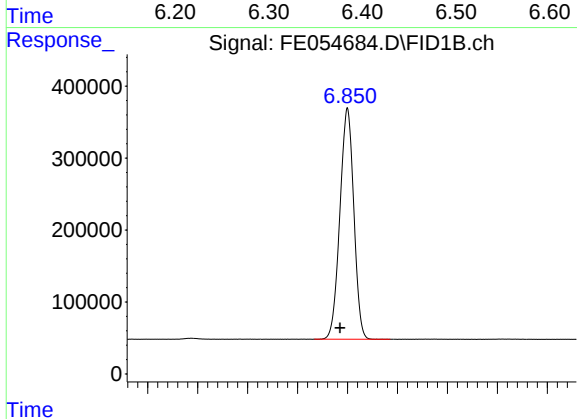
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.004 min
Response: 3054295
Conc: 22.38 ug/ml



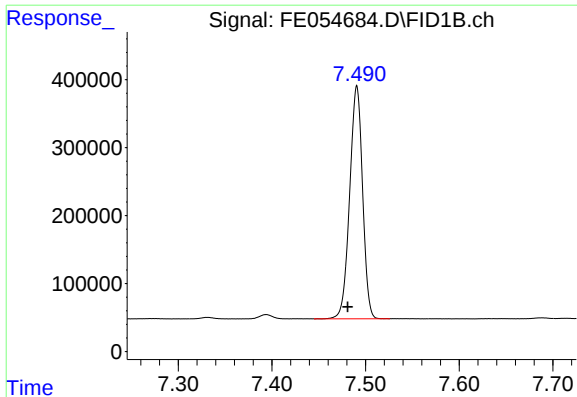
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.007 min
Response: 3375307
Conc: 22.29 ug/ml



#4 n-Dodecane (C12)

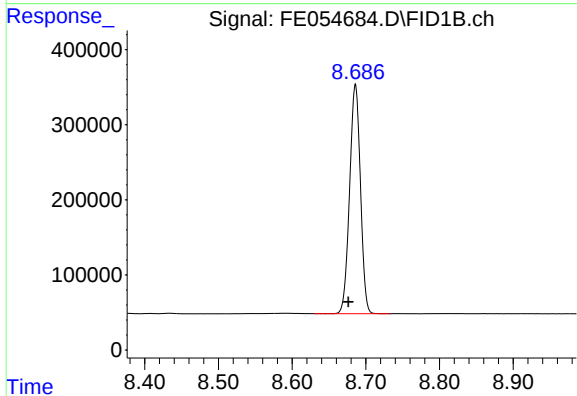
R.T.: 6.850 min
Delta R.T.: 0.007 min
Response: 3106864
Conc: 22.64 ug/ml



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

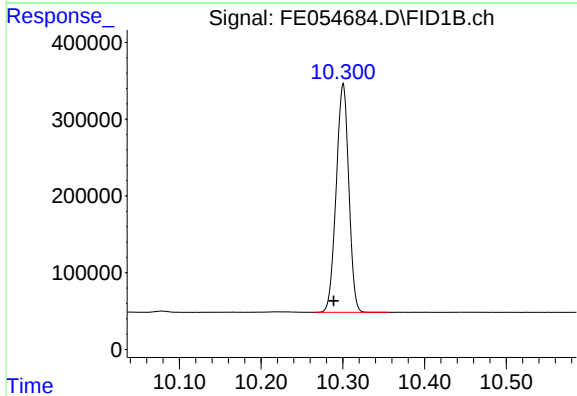
R.T.: 7.491 min
Delta R.T.: 0.010 min
Response: 3278214
Conc: 22.30 ug/ml

Instrument :
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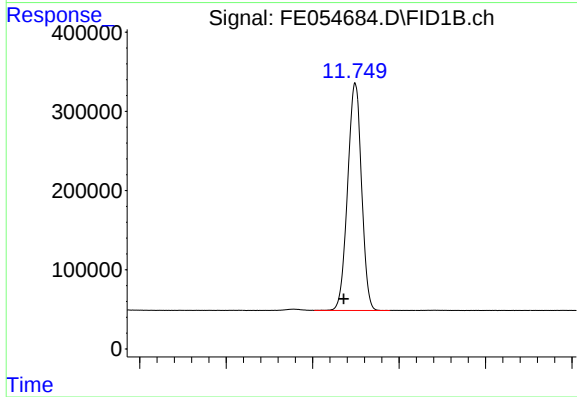
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: 0.009 min
Response: 3114412
Conc: 22.47 ug/ml



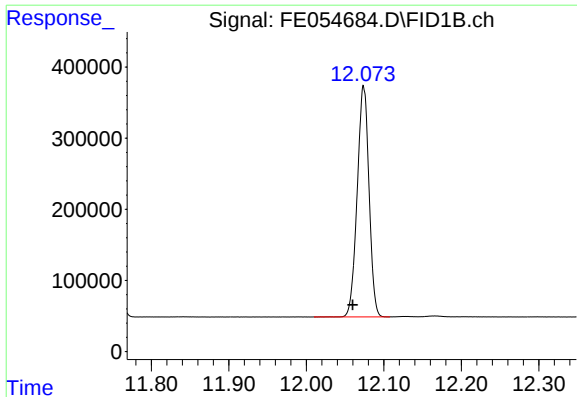
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.011 min
Response: 3188556
Conc: 22.37 ug/ml



#8 n-Octadecane (C18)

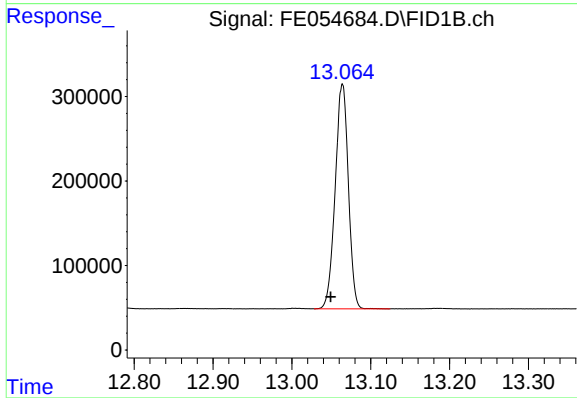
R.T.: 11.749 min
Delta R.T.: 0.013 min
Response: 3208917
Conc: 21.90 ug/ml



#9 ortho-Terphenyl (SURR)

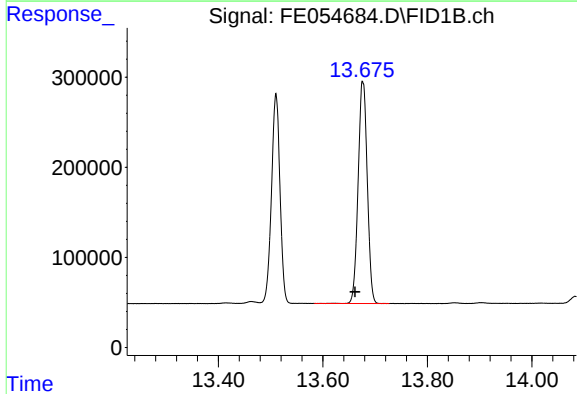
R.T.: 12.074 min
Delta R.T.: 0.014 min
Response: 3442467
Conc: 21.20 ug/ml

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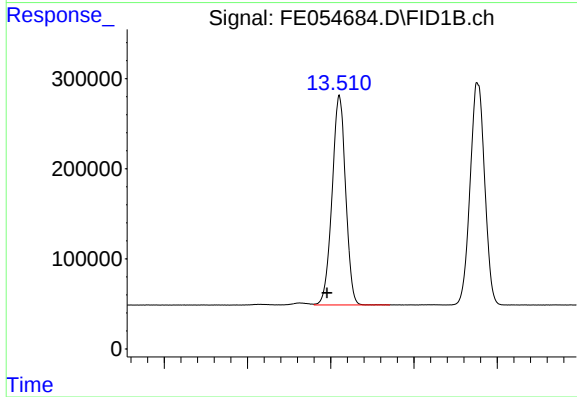
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.015 min
Response: 3092054
Conc: 21.50 ug/ml



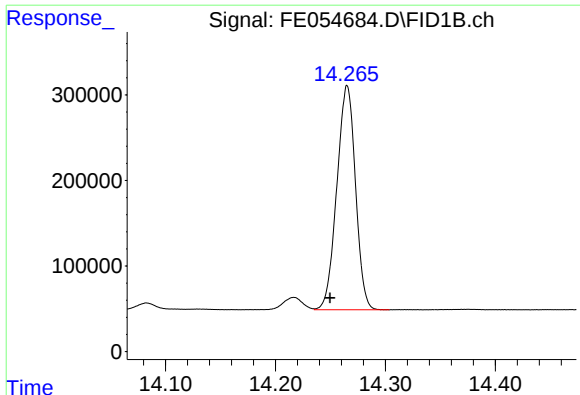
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.015 min
Response: 2991629
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

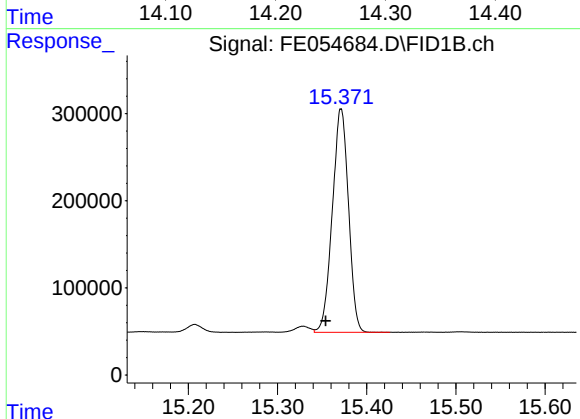
R.T.: 13.510 min
Delta R.T.: 0.015 min
Response: 2627124
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

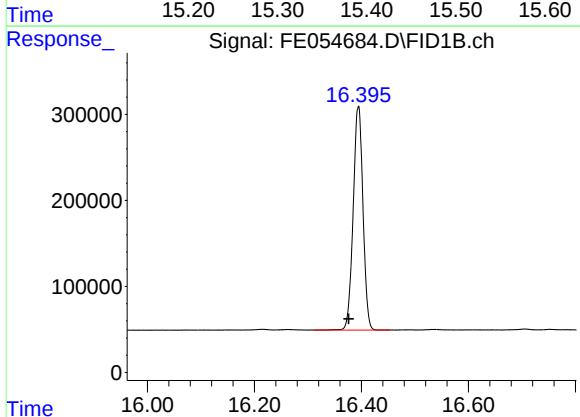
R.T.: 14.265 min
Delta R.T.: 0.015 min
Response: 3093138
Conc: 21.66 ug/ml

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20 PPM ALIPHATIC HC STD



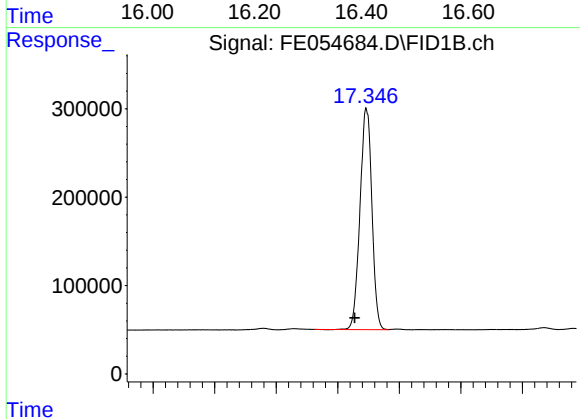
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.017 min
Response: 3230468
Conc: 22.22 ug/ml



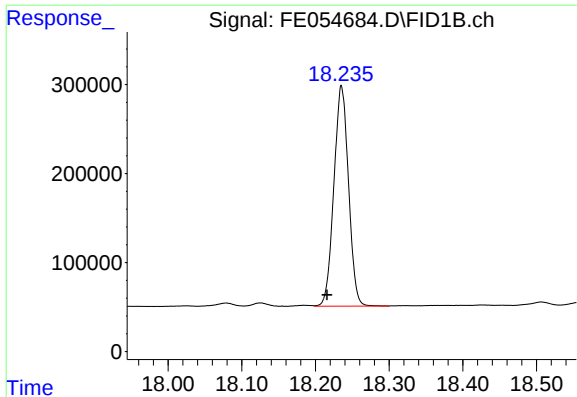
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.018 min
Response: 3311820
Conc: 22.89 ug/ml



#16 n-Octacosane (C28)

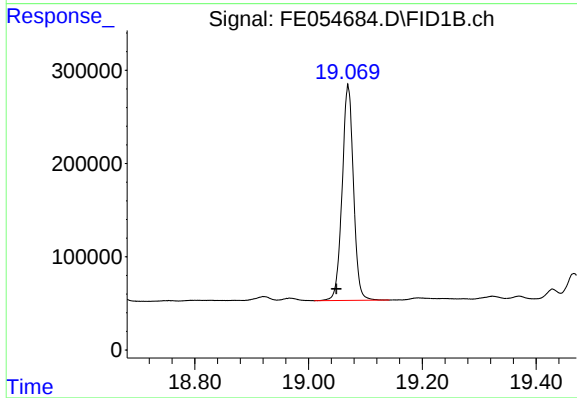
R.T.: 17.347 min
Delta R.T.: 0.019 min
Response: 3368610
Conc: 23.11 ug/ml



#17 n-Tricontane (C30)

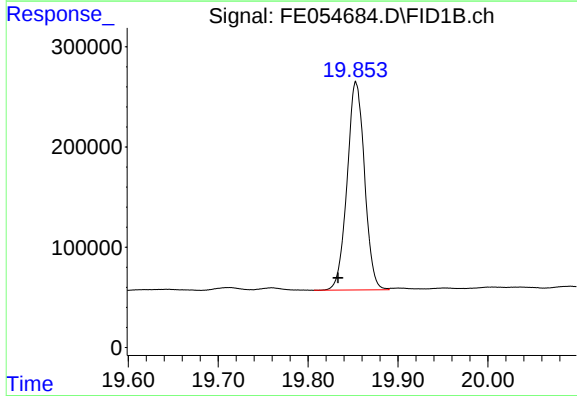
R.T.: 18.235 min
Delta R.T.: 0.020 min
Response: 3416593
Conc: 21.68 ug/ml

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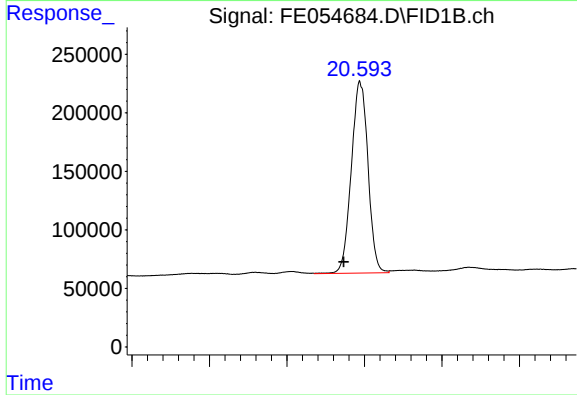
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.020 min
Response: 3194805
Conc: 19.75 ug/ml



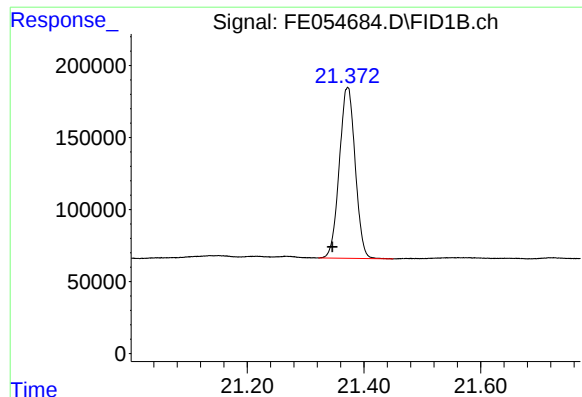
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 2794256
Conc: 18.34 ug/ml



#20 n-Hexatriacontane (C36)

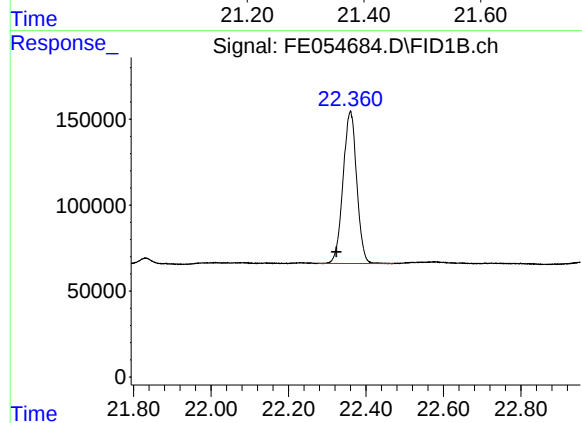
R.T.: 20.594 min
Delta R.T.: 0.021 min
Response: 2447393
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.026 min
Response: 2237310
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: 0.036 min
Response: 2166286
Conc: 19.99 ug/ml