

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055677.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 22:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 05 01:31:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.072	3391149	20.642 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	13.509	2593061	20.737 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	3.411	2522285	19.876 ug/ml
2) T n-Decane (C10)	4.670	2618124	20.438 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2971617	20.453 ug/ml
4) T n-Dodecane (C12)	6.845	2676437	20.554 ug/ml
5) T A~2-methylnaphthalene...	7.489	2884470	20.508 ug/ml
6) T n-Tetradecane (C14)	8.682	2718612	20.644 ug/ml
7) T n-Hexadecane (C16)	10.297	2868713	20.713 ug/ml
8) T n-Octadecane (C18)	11.747	3021538	20.715 ug/ml
10) T n-Eicosane (C20)	13.061	2979272	20.697 ug/ml
11) T n-Heneicosane (C21)	13.675	2955796	20.692 ug/ml
13) T n-Docosane (C22)	14.263	2977736	20.802 ug/ml
14) T n-Tetracosane (C24)	15.370	3057717	21.132 ug/ml
15) T n-Hexacosane (C26)	16.394	3004573	21.031 ug/ml
16) T n-Octacosane (C28)	17.346	3012888	21.182 ug/ml
17) T n-Tricontane (C30)	18.236	3166748	21.423 ug/ml
18) T n-Dotriacontane (C32)	19.070	3182258	21.681 ug/ml
19) T n-Tetratriacontane (C34)	19.856	3026194	21.419 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2787856	21.127 ug/ml
21) T n-Octatriacontane (C38)	21.374	2657391	20.404 ug/ml
22) T n-Tetracontane (C40)	22.360	2569389	20.036 ug/ml

(f)=RT Delta > 1/2 Window

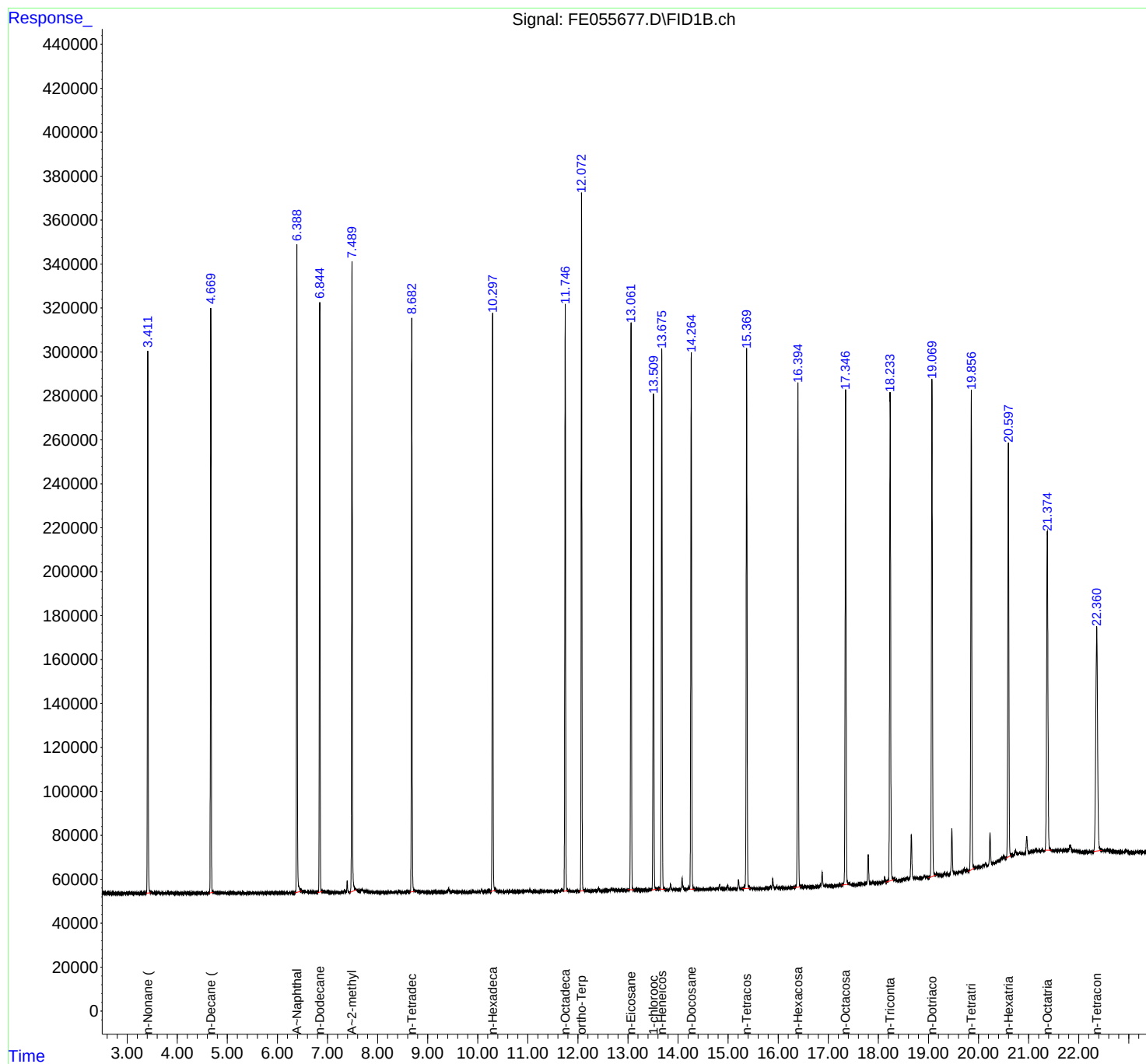
(m)=manual int.

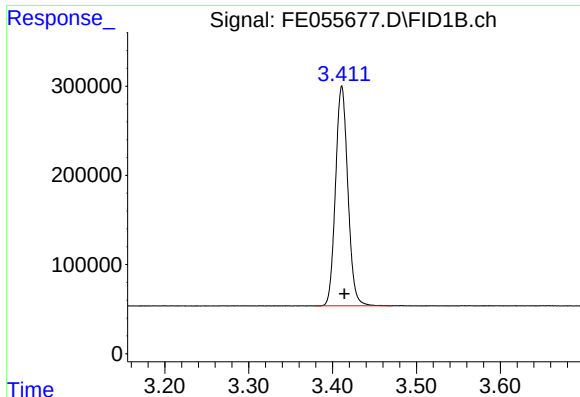
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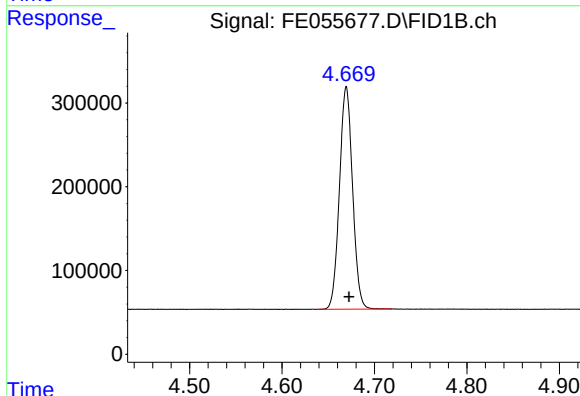




#1 n-Nonane (C9)

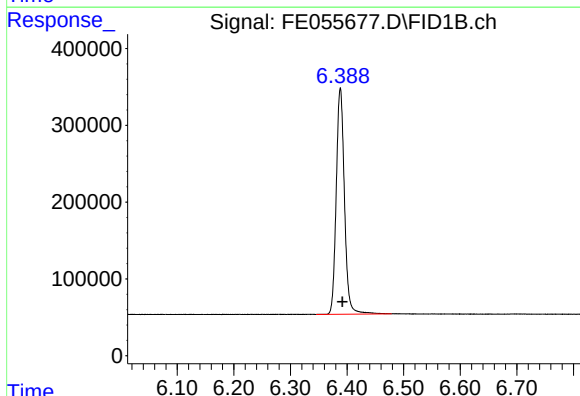
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2522285
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



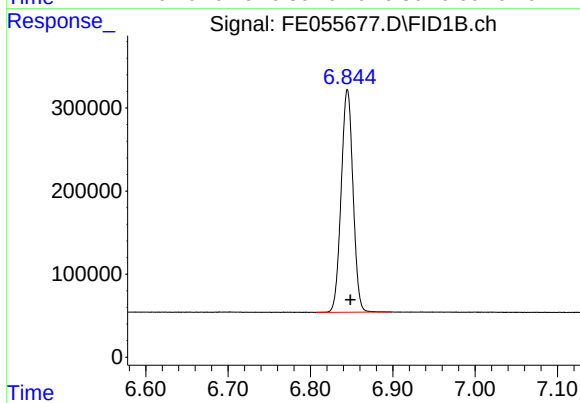
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2618124
Conc: 20.44 ug/ml



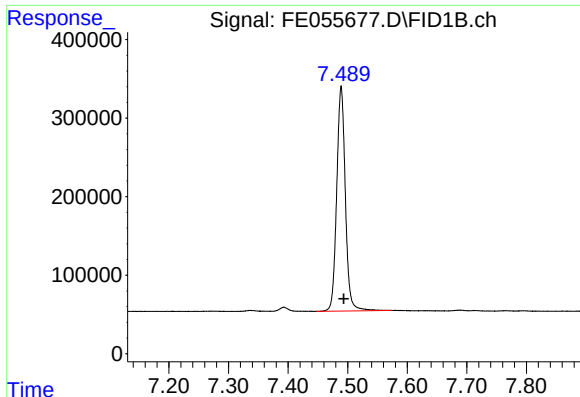
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 2971617
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

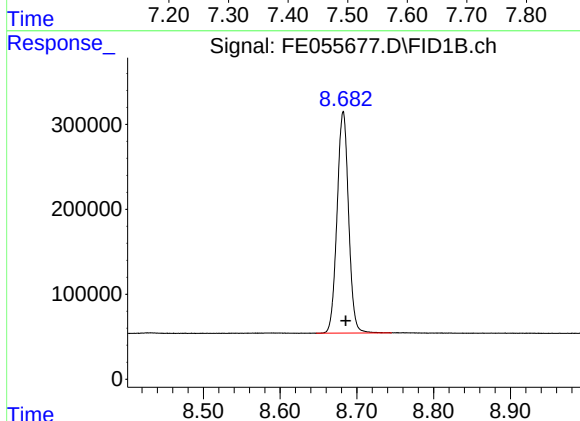
R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 2676437
Conc: 20.55 ug/ml



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

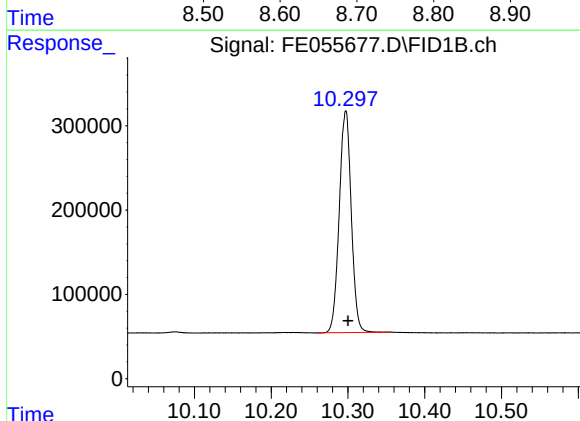
R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 2884470
Conc: 20.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



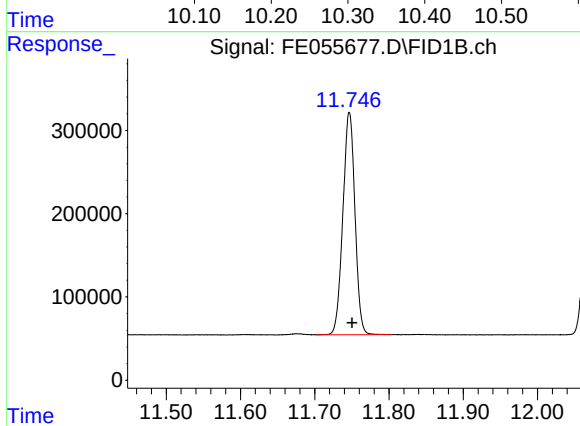
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 2718612
Conc: 20.64 ug/ml



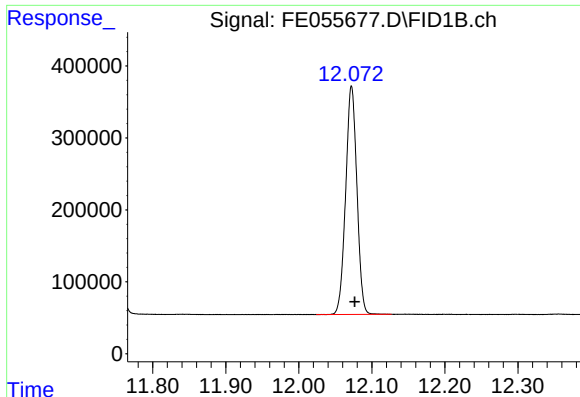
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.003 min
Response: 2868713
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

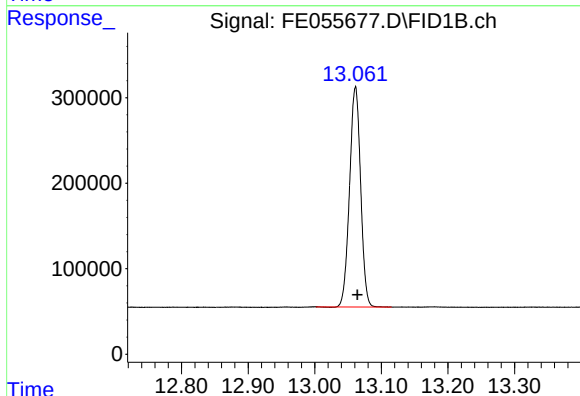
R.T.: 11.747 min
Delta R.T.: -0.004 min
Response: 3021538
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

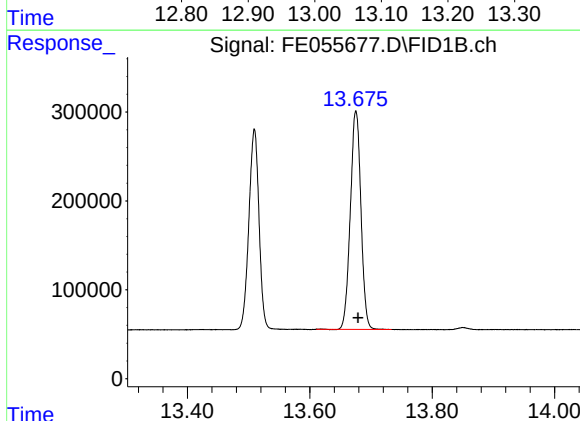
R.T.: 12.072 min
Delta R.T.: -0.004 min
Response: 3391149
Conc: 20.64 ug/ml

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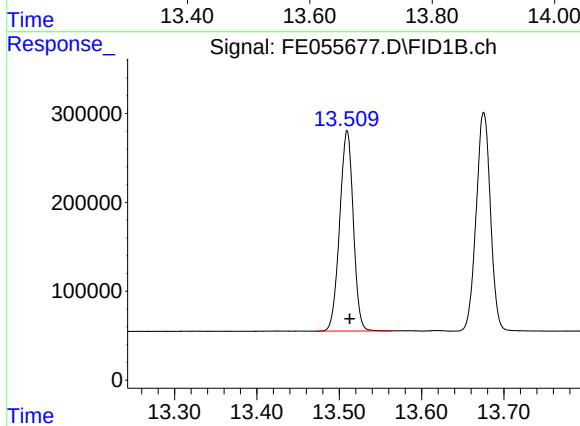
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 2979272
Conc: 20.70 ug/ml



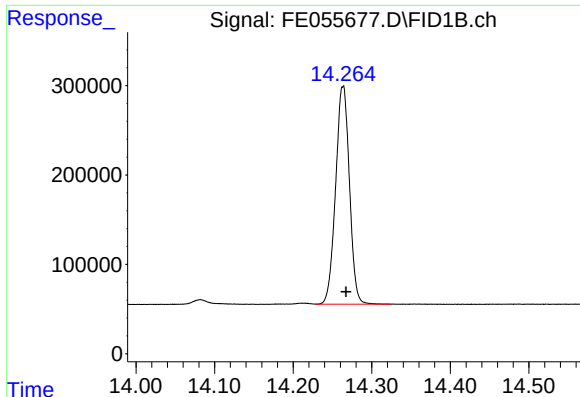
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.003 min
Response: 2955796
Conc: 20.69 ug/ml



#12 1-chlorooctadecane (SURR)

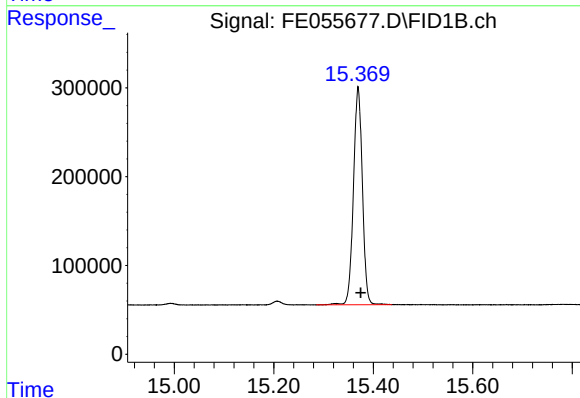
R.T.: 13.509 min
Delta R.T.: -0.003 min
Response: 2593061
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

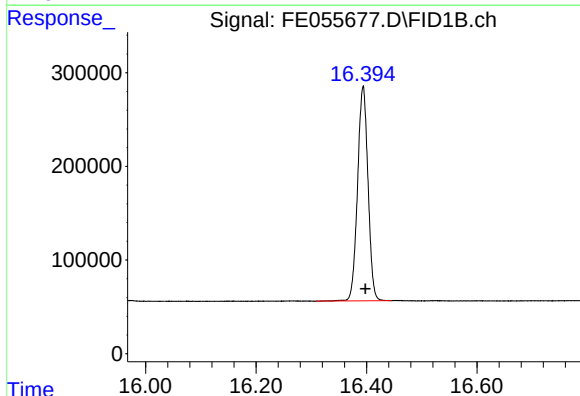
R.T.: 14.263 min
Delta R.T.: -0.004 min
Response: 2977736
Conc: 20.80 ug/ml

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20 PPM ALIPHATIC HC STD



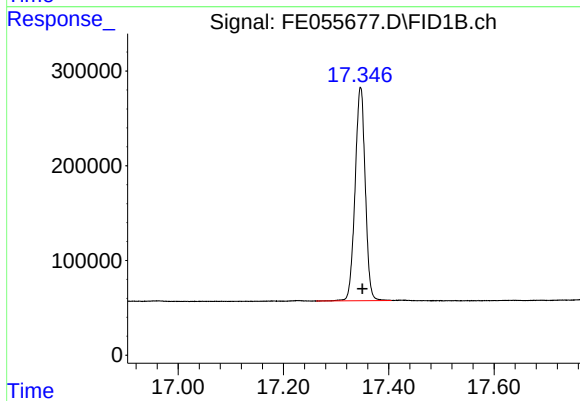
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 3057717
Conc: 21.13 ug/ml



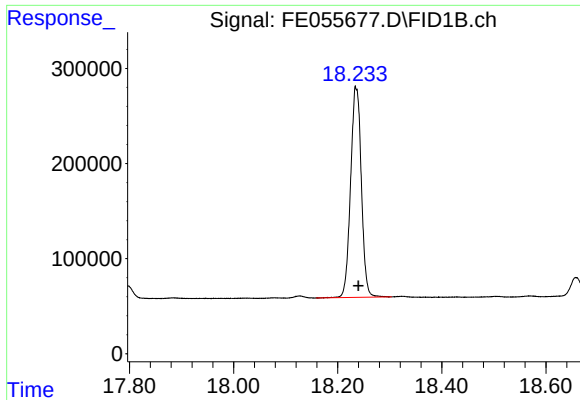
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.005 min
Response: 3004573
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

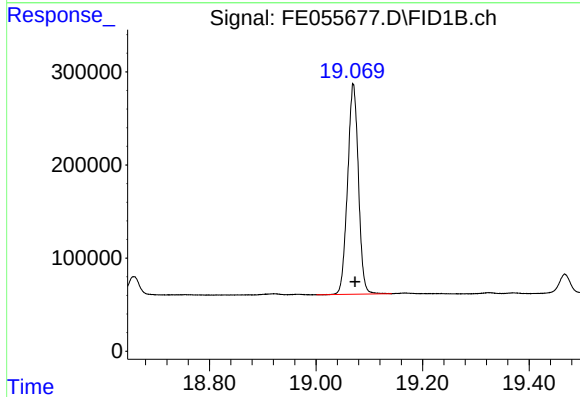
R.T.: 17.346 min
Delta R.T.: -0.004 min
Response: 3012888
Conc: 21.18 ug/ml



#17 n-Tricontane (C30)

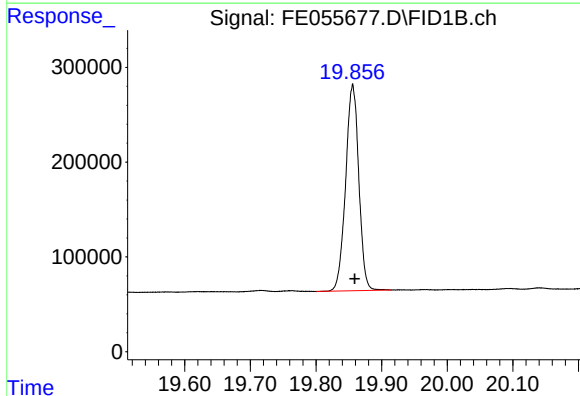
R.T.: 18.236 min
Delta R.T.: -0.004 min
Response: 3166748
Conc: 21.42 ug/ml

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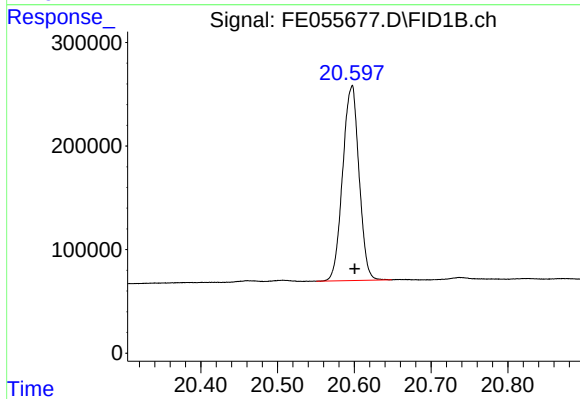
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.004 min
Response: 3182258
Conc: 21.68 ug/ml



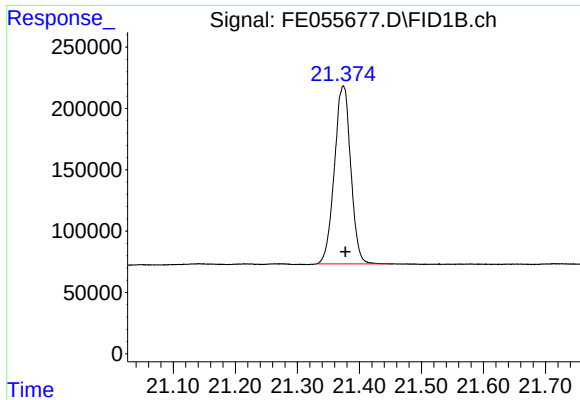
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 3026194
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

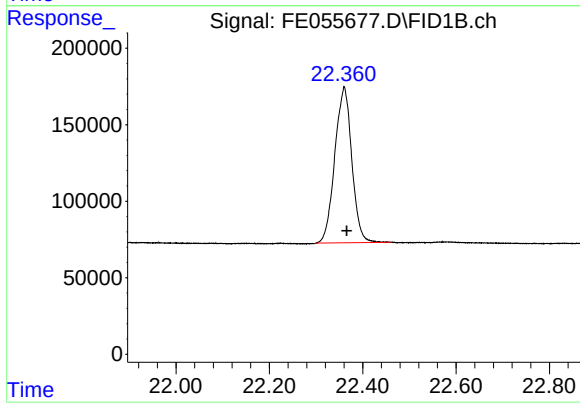
R.T.: 20.596 min
Delta R.T.: -0.004 min
Response: 2787856
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: -0.003 min
Response: 2657391
Conc: 20.40 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: -0.006 min
Response: 2569389
Conc: 20.04 ug/ml