

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
 Data File : FE054750.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2025 20:07
 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 09 06:40:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	3189358	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.516	2442538	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	3.421	2713479	20.173 ug/ml
2) T n-Decane (C10)	4.678	2825972	20.711 ug/ml
3) T A~Naphthalene (C11.7)	6.396	3152773	20.822 ug/ml
4) T n-Dodecane (C12)	6.853	2893888	21.091 ug/ml
5) T A~2-methylnaphthalene...	7.497	3071072	20.891 ug/ml
6) T n-Tetradecane (C14)	8.690	2922167	21.079 ug/ml
7) T n-Hexadecane (C16)	10.305	2975931	20.882 ug/ml
8) T n-Octadecane (C18)	11.754	2979577	20.331 ug/ml
10) T n-Eicosane (C20)	13.068	2858536	19.879 ug/ml
11) T n-Heneicosane (C21)	13.683	2761575	19.334 ug/ml
13) T n-Docosane (C22)	14.271	2853223	19.982 ug/ml
14) T n-Tetracosane (C24)	15.377	2998171	20.625 ug/ml
15) T n-Hexacosane (C26)	16.401	3101010	21.428 ug/ml
16) T n-Octacosane (C28)	17.353	3234733	22.195 ug/ml
17) T n-Tricontane (C30)	18.242	3414250	21.666 ug/ml
18) T n-Dotriacontane (C32)	19.077	3327146	20.565 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2946893	19.338 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2581032	19.196 ug/ml
21) T n-Octatriacontane (C38)	21.383	2470413	21.064 ug/ml
22) T n-Tetracontane (C40)	22.374	2379884	21.958 ug/ml

(f)=RT Delta > 1/2 Window

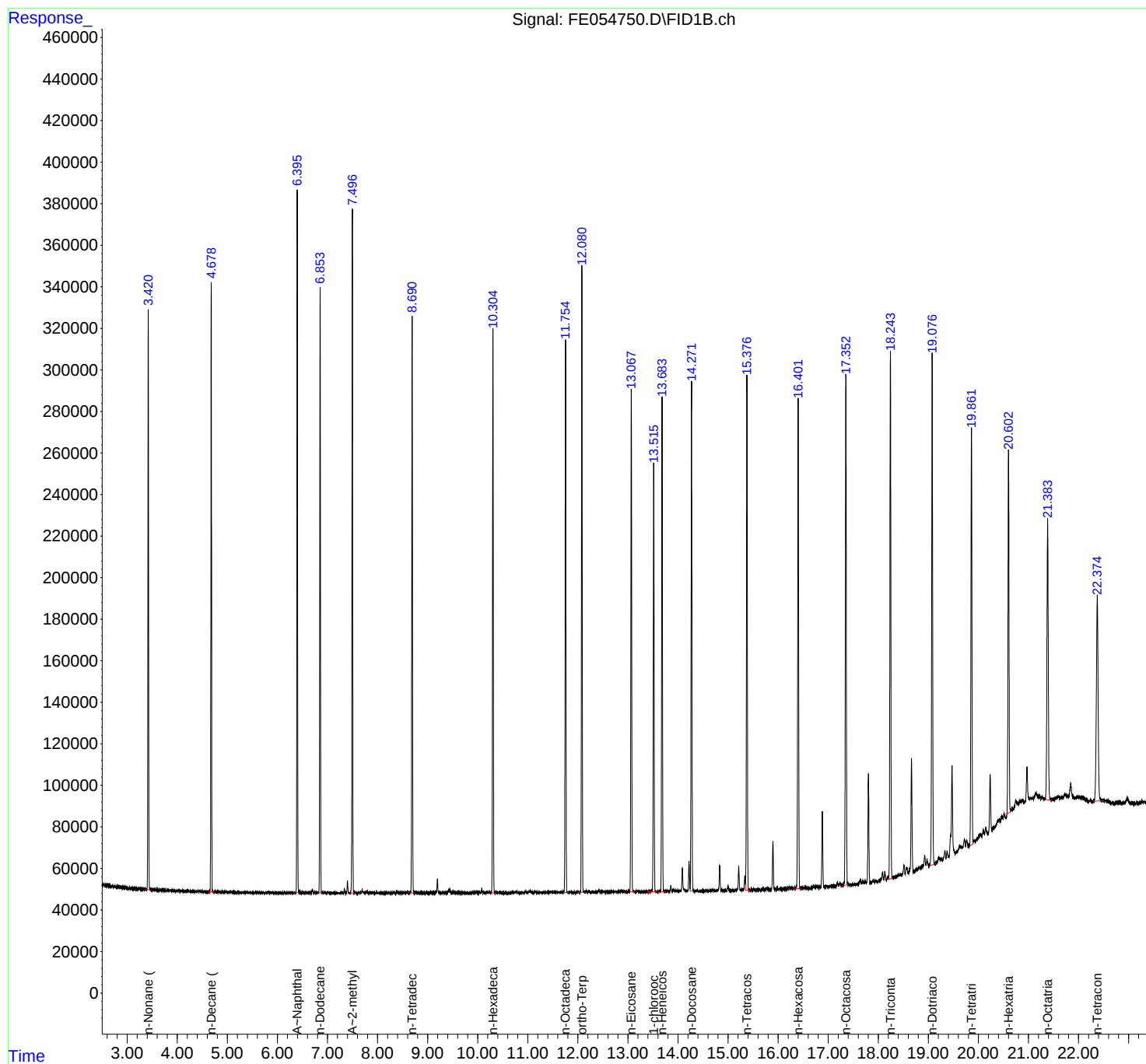
(m)=manual int.

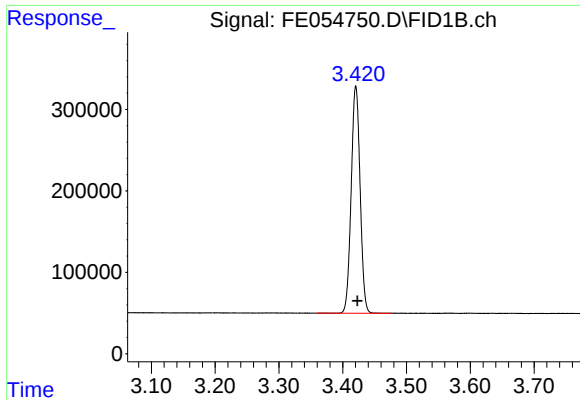
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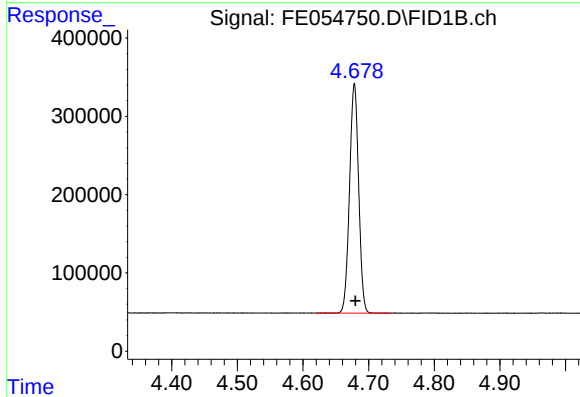




#1 n-Nonane (C9)

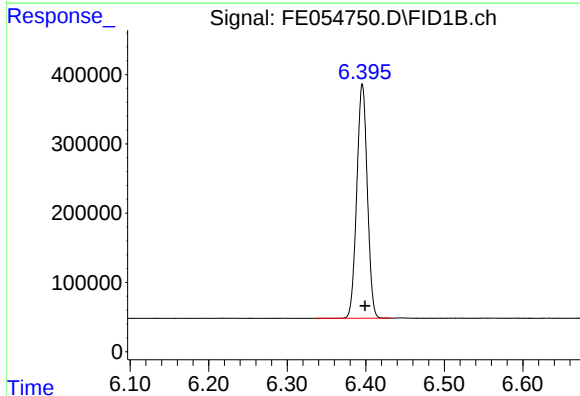
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2713479
Conc: 20.17 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



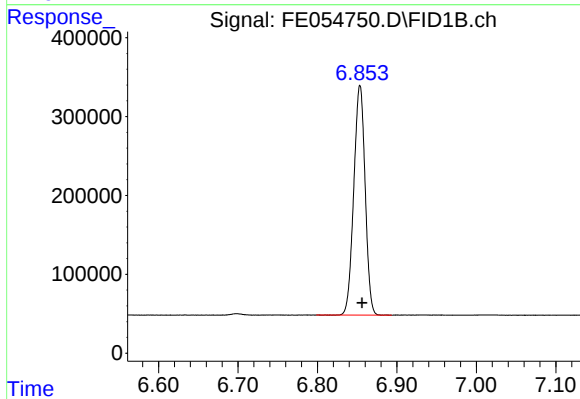
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2825972
Conc: 20.71 ug/ml



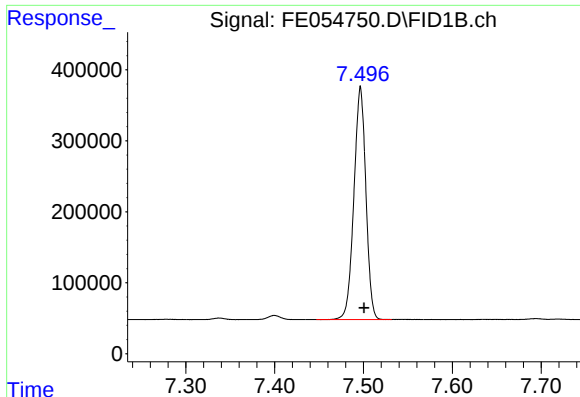
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 3152773
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

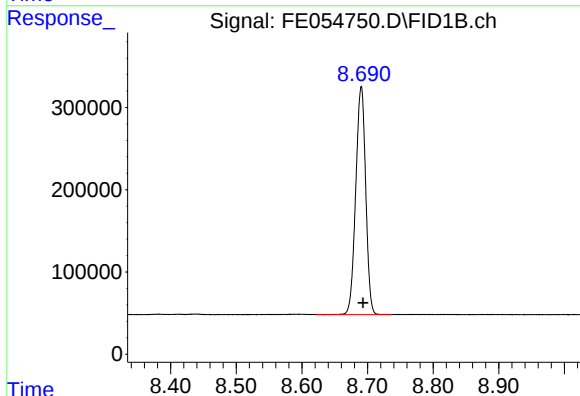
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2893888
Conc: 21.09 ug/ml



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

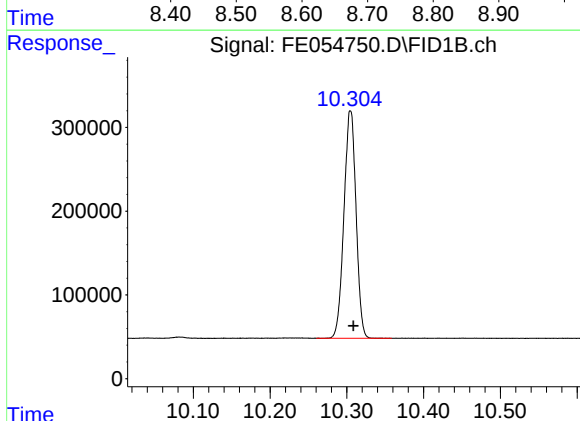
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 3071072
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



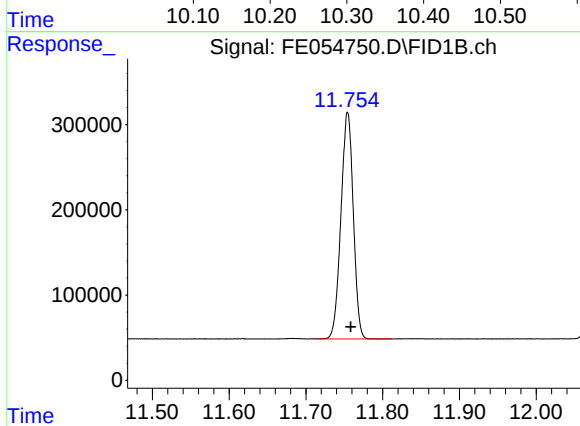
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2922167
Conc: 21.08 ug/ml



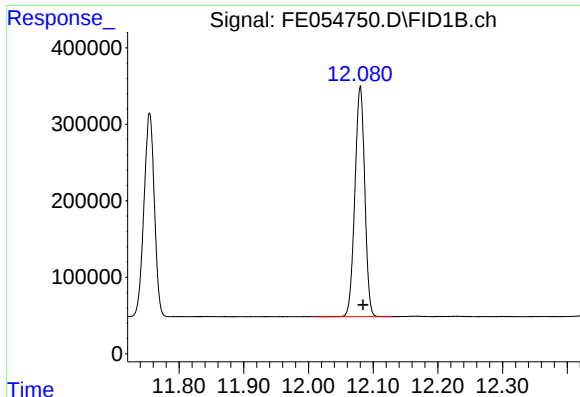
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 2975931
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

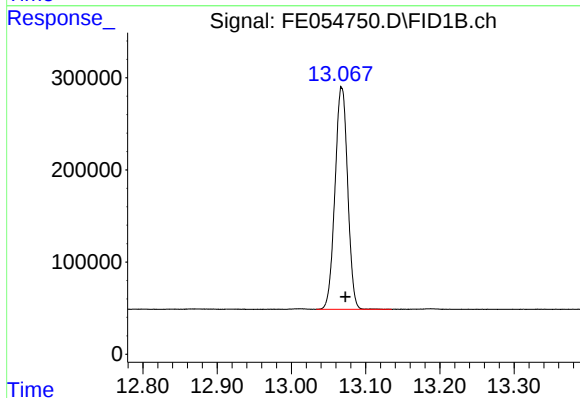
R.T.: 11.754 min
Delta R.T.: -0.004 min
Response: 2979577
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

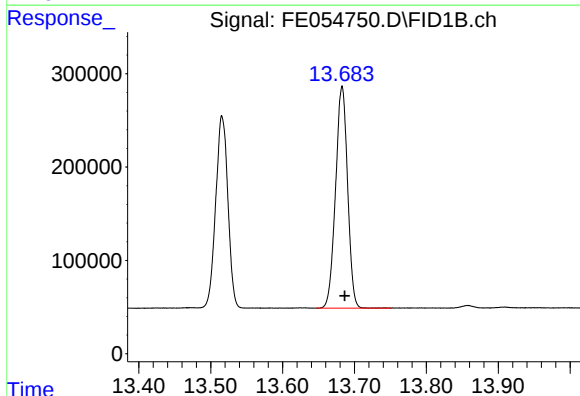
R.T.: 12.080 min
Delta R.T.: -0.005 min
Response: 3189358
Conc: 19.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



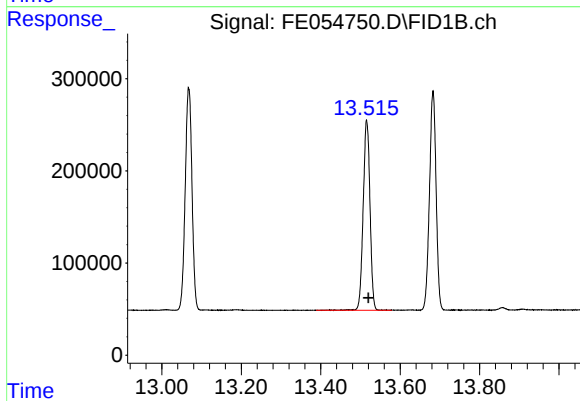
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 2858536
Conc: 19.88 ug/ml



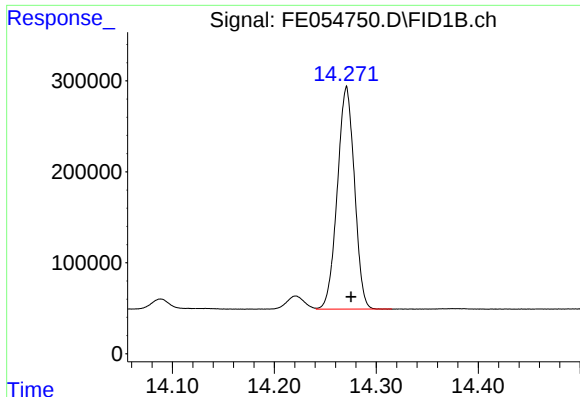
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 2761575
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

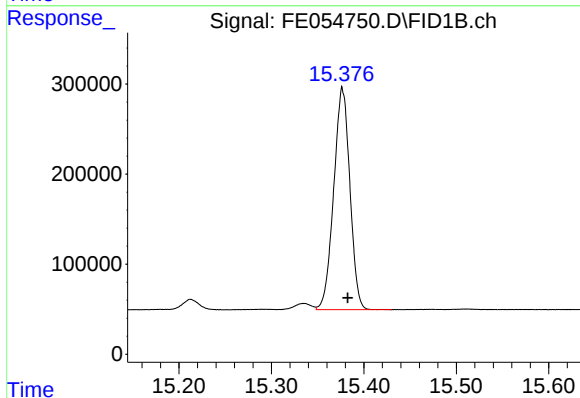
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 2442538
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

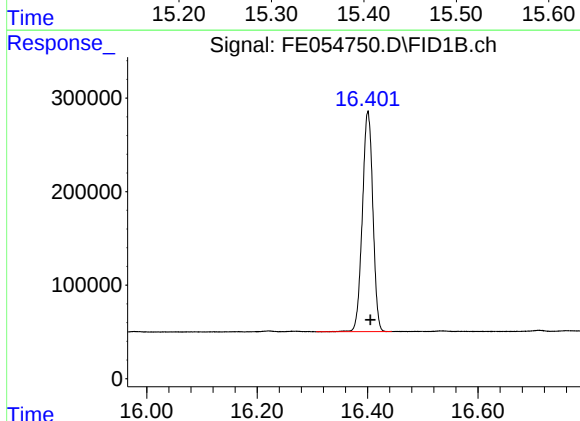
R.T.: 14.271 min
Delta R.T.: -0.005 min
Response: 2853223
Conc: 19.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



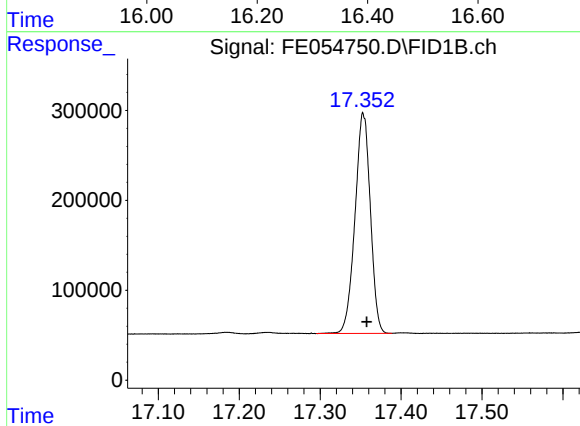
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.006 min
Response: 2998171
Conc: 20.63 ug/ml



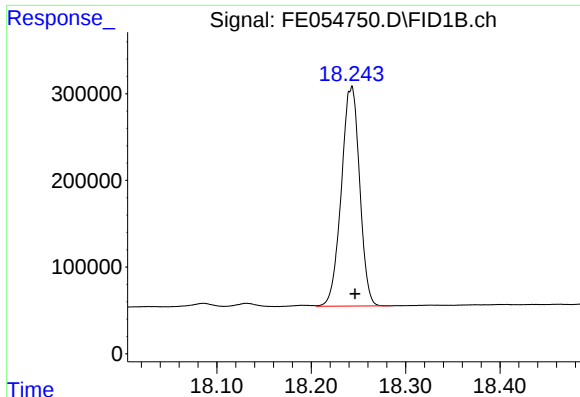
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.005 min
Response: 3101010
Conc: 21.43 ug/ml



#16 n-Octacosane (C28)

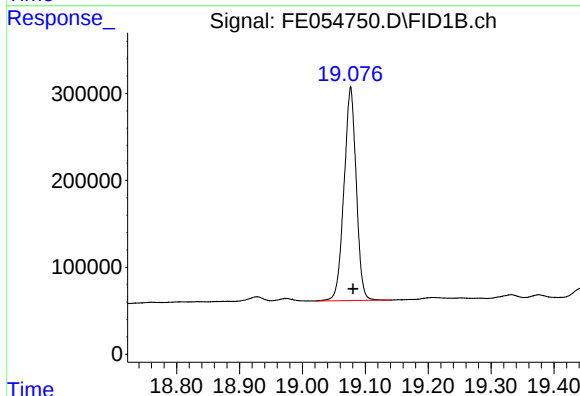
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 3234733
Conc: 22.20 ug/ml



#17 n-Tricontane (C30)

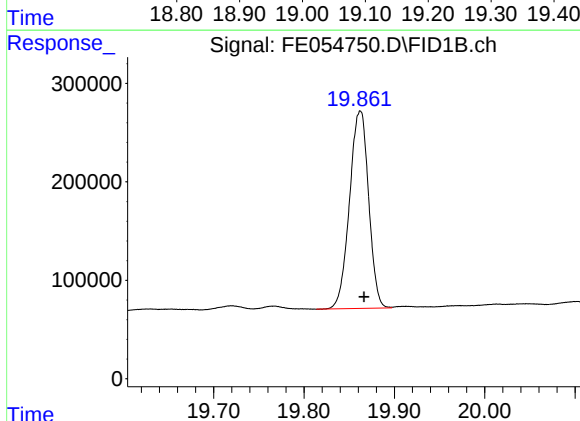
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 3414250
Conc: 21.67 ug/ml

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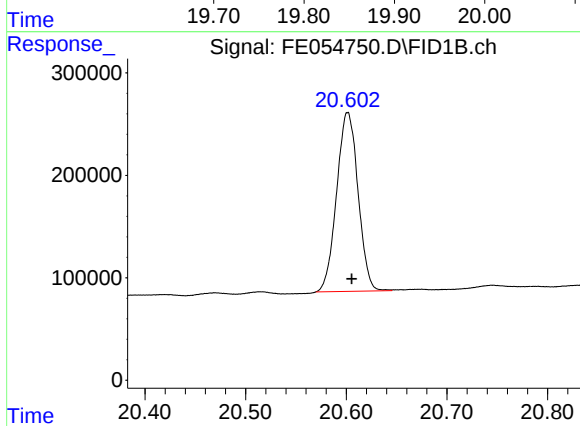
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 3327146
Conc: 20.57 ug/ml



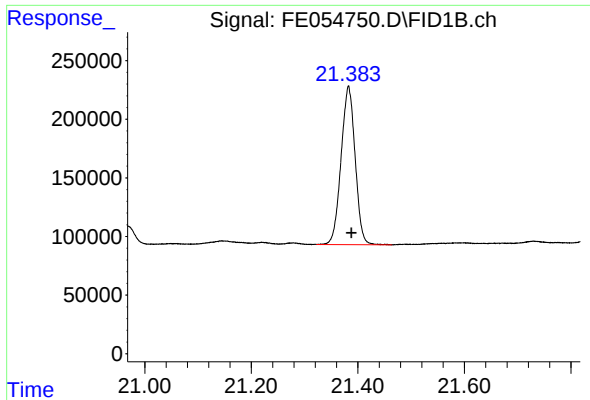
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 2946893
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

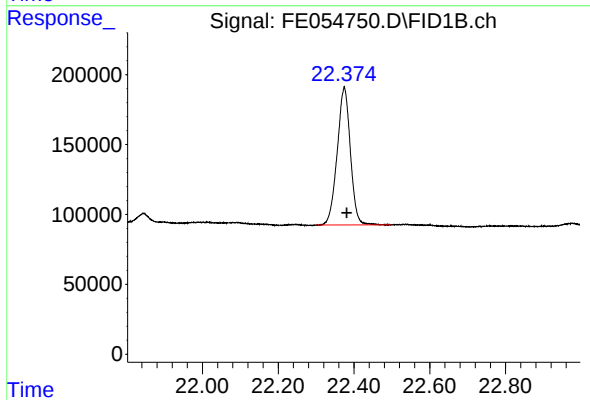
R.T.: 20.602 min
Delta R.T.: -0.004 min
Response: 2581032
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.005 min
Response: 2470413
Conc: 21.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 2379884
Conc: 21.96 ug/ml