

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111524AL\
 Data File : FE051251.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2024 07:36
 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: Nov 15 10:15:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.847	3189440	21.249 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	13.280	2403192	21.168 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T n-Nonane (C9)	3.234	3108510	22.465 ug/ml
2) T n-Decane (C10)	4.485	3143787	22.427 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2932773	22.243 ug/ml
4) T n-Dodecane (C12)	6.653	3133485	22.192 ug/ml
5) T A~2-methylnaphthalene...	7.295	2707788	21.646 ug/ml
6) T n-Tetradecane (C14)	8.479	3035682	21.782 ug/ml
7) T n-Hexadecane (C16)	10.085	3049710	21.491 ug/ml
8) T n-Octadecane (C18)	11.526	3039369	21.283 ug/ml
10) T n-Eicosane (C20)	12.833	2899298	21.185 ug/ml
11) T n-Heneicosane (C21)	13.444	2838061	21.236 ug/ml
13) T n-Docosane (C22)	14.030	2820034	21.211 ug/ml
14) T n-Tetracosane (C24)	15.131	2827386	21.313 ug/ml
15) T n-Hexacosane (C26)	16.151	2849404	21.285 ug/ml
16) T n-Octacosane (C28)	17.100	2874567	21.086 ug/ml
17) T n-Tricontane (C30)	17.986	2990930	20.586 ug/ml
18) T n-Dotriacontane (C32)	18.817	2980003	20.070 ug/ml
19) T n-Tetratriacontane (C34)	19.600	2690123	20.021 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2341520	19.624 ug/ml
21) T n-Octatriacontane (C38)	21.062	2071878	18.204 ug/ml
22) T n-Tetracontane (C40)	21.943	1857982	16.705 ug/ml

(f)=RT Delta > 1/2 Window

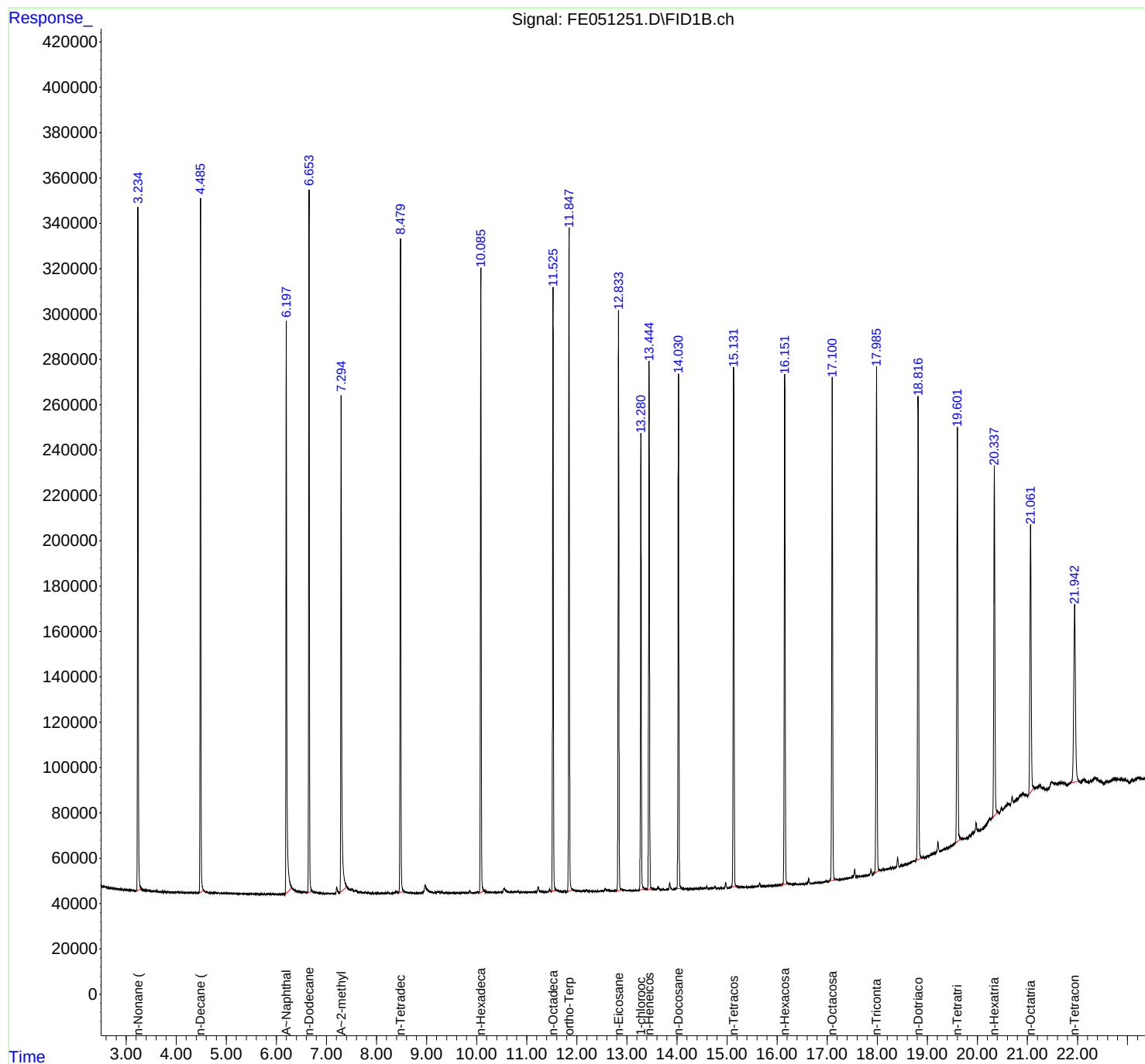
(m)=manual int.

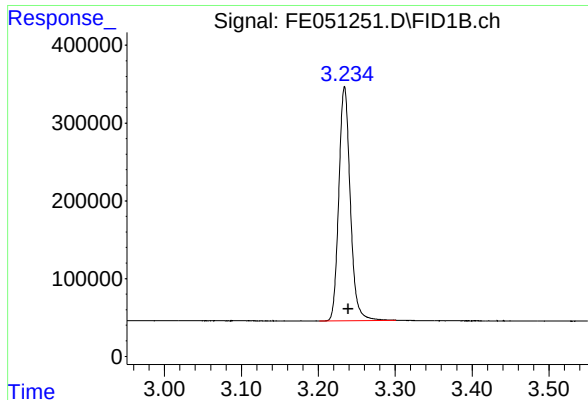
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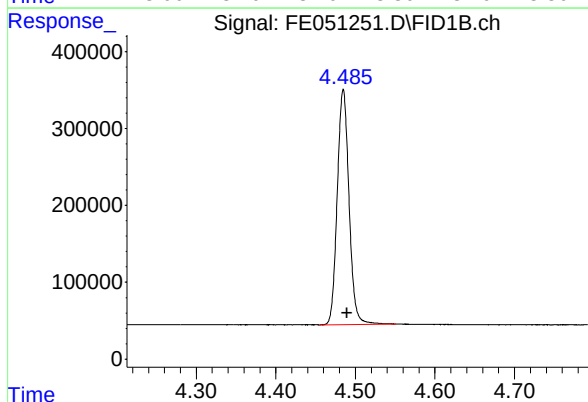




#1 n-Nonane (C9)

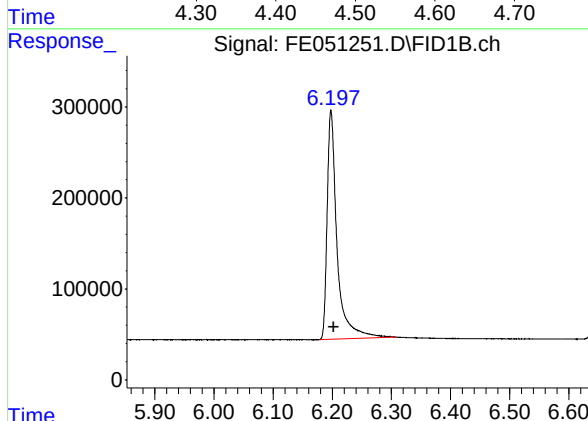
R.T.: 3.234 min
Delta R.T.: -0.005 min
Response: 3108510
Conc: 22.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



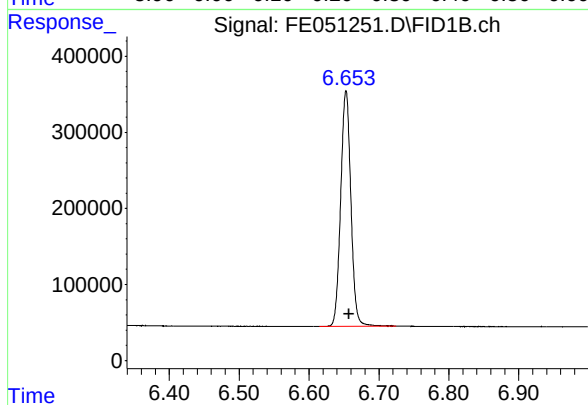
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 3143787
Conc: 22.43 ug/ml



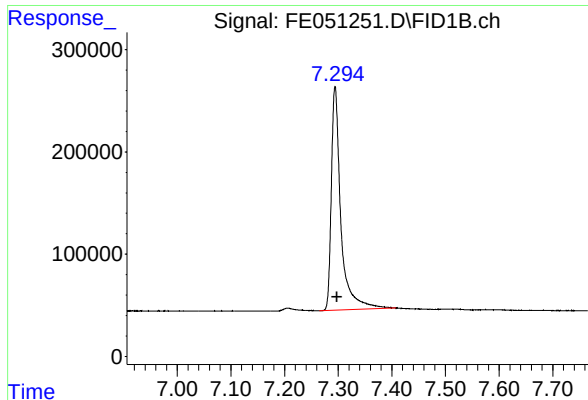
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 2932773
Conc: 22.24 ug/ml



#4 n-Dodecane (C12)

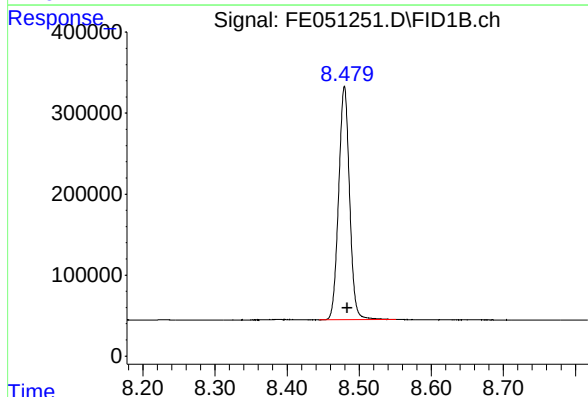
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 3133485
Conc: 22.19 ug/ml



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

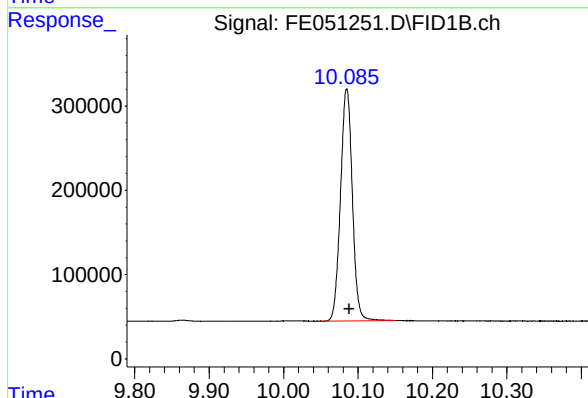
R.T.: 7.295 min
Delta R.T.: -0.004 min
Response: 2707788
Conc: 21.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



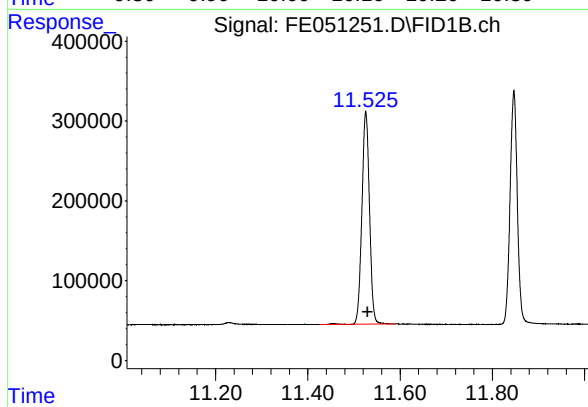
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 3035682
Conc: 21.78 ug/ml



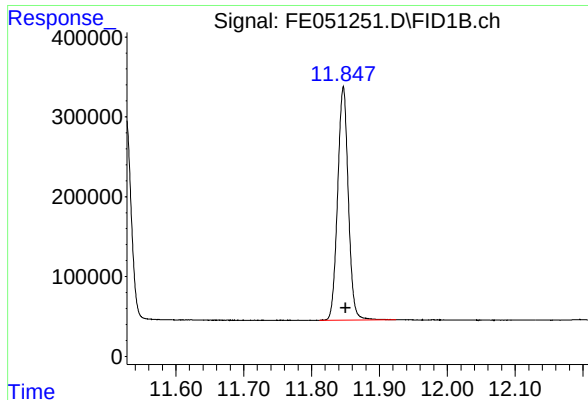
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 3049710
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

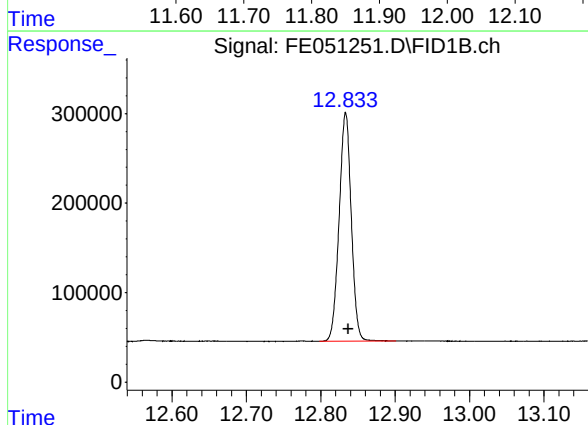
R.T.: 11.526 min
Delta R.T.: -0.004 min
Response: 3039369
Conc: 21.28 ug/ml



#9 ortho-Terphenyl (SURR)

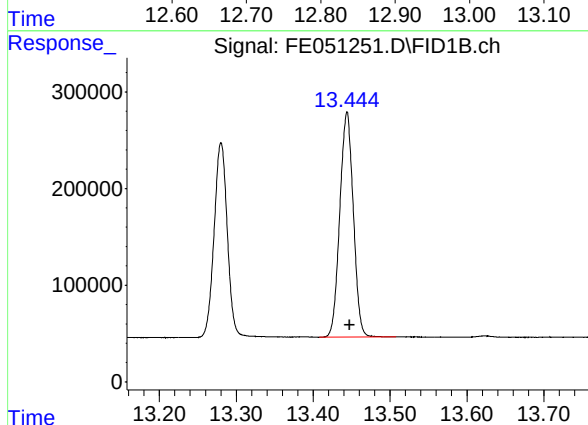
R.T.: 11.847 min
Delta R.T.: -0.004 min
Response: 3189440
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



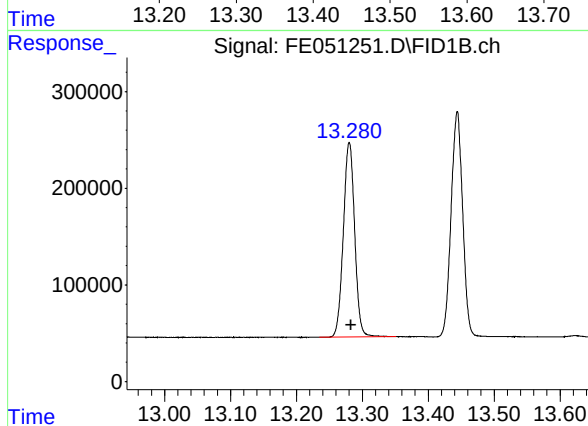
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 2899298
Conc: 21.19 ug/ml



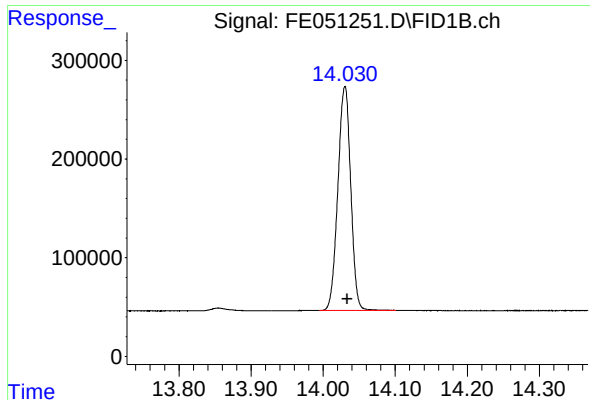
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.004 min
Response: 2838061
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

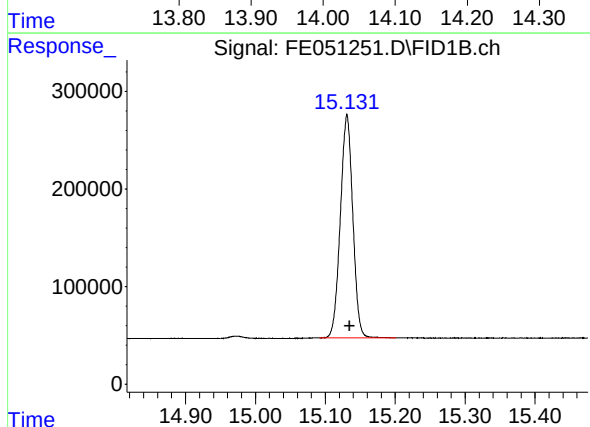
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2403192
Conc: 21.17 ug/ml



#13 n-Docosane (C22)

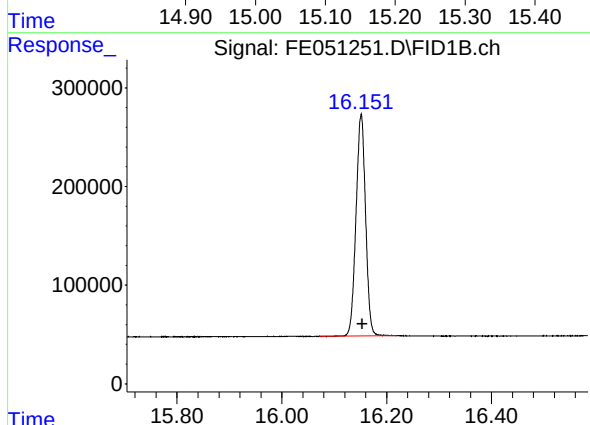
R.T.: 14.030 min
Delta R.T.: -0.003 min
Response: 2820034
Conc: 21.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



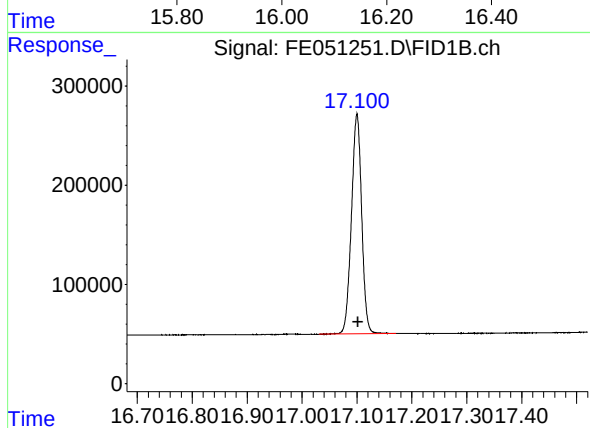
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.003 min
Response: 2827386
Conc: 21.31 ug/ml



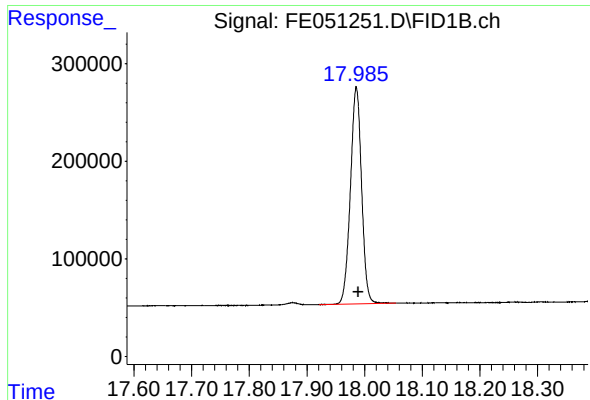
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.002 min
Response: 2849404
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

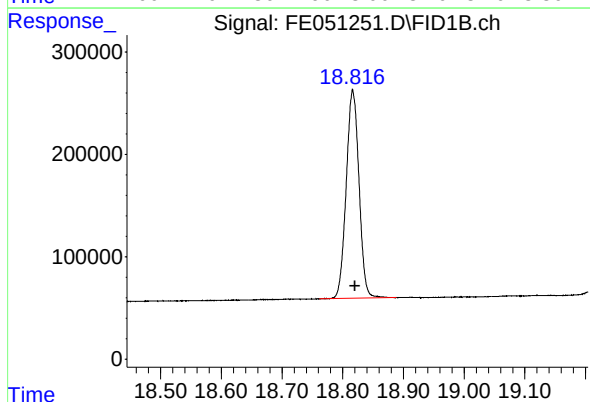
R.T.: 17.100 min
Delta R.T.: -0.002 min
Response: 2874567
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

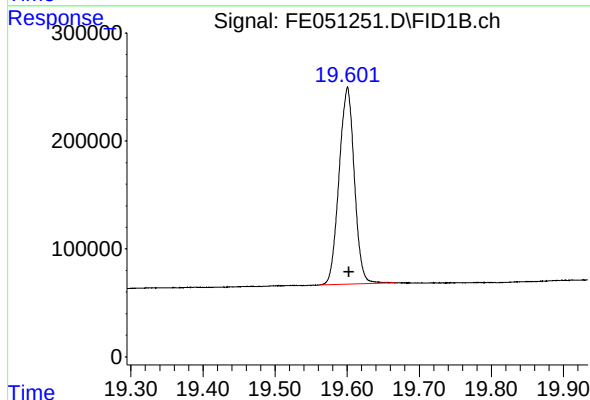
R.T.: 17.986 min
Delta R.T.: -0.003 min
Response: 2990930
Conc: 20.59 ug/ml

Instrument :
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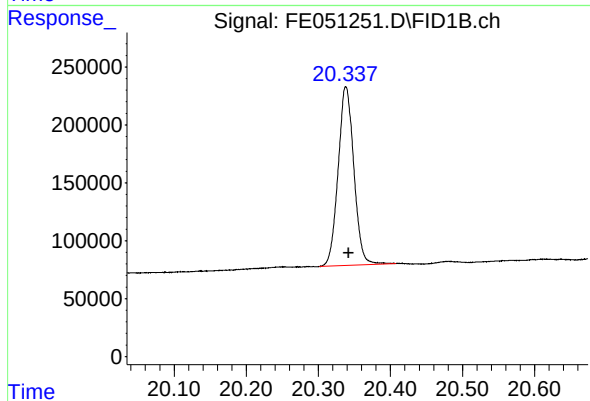
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: -0.003 min
Response: 2980003
Conc: 20.07 ug/ml



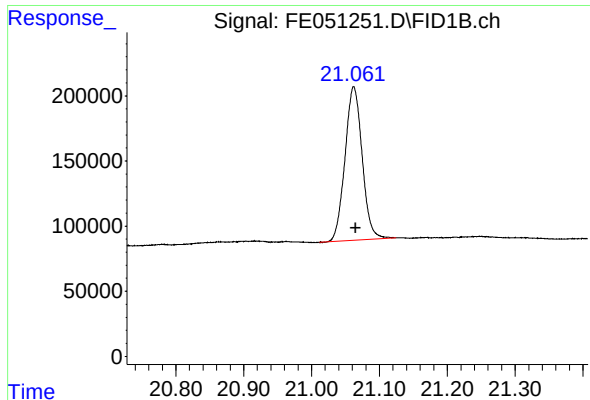
#19 n-Tetatriacontane (C34)

R.T.: 19.600 min
Delta R.T.: -0.002 min
Response: 2690123
Conc: 20.02 ug/ml



#20 n-Hexatriacontane (C36)

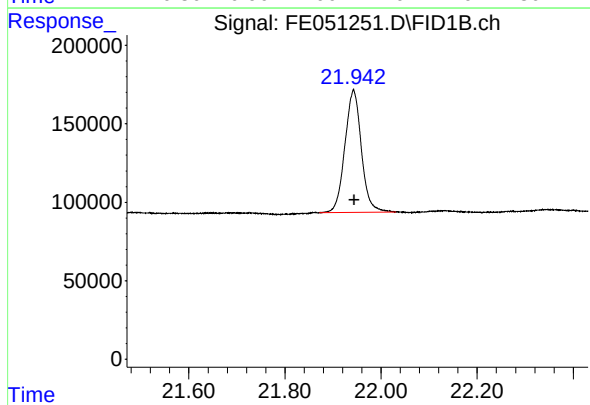
R.T.: 20.338 min
Delta R.T.: -0.003 min
Response: 2341520
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.003 min
Response: 2071878
Conc: 18.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.002 min
Response: 1857982
Conc: 16.71 ug/ml