

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052465.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 14:20
 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: autoint1.e
 Quant Time: Feb 25 00:26:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.917	3376840	18.065 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
12) S 1-chlorooctadecane (S...	13.363	2500738	17.991 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	3.255	3129437	20.387 ug/ml
2) T n-Decane (C10)	4.517	3187878	20.410 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3506649	20.297 ug/ml
4) T n-Dodecane (C12)	6.698	3177478	20.131 ug/ml
5) T A~2-methylnaphthalene...	7.332	3361262	20.014 ug/ml
6) T n-Tetradecane (C14)	8.536	3086655	19.596 ug/ml
7) T n-Hexadecane (C16)	10.152	3145654	19.247 ug/ml
8) T n-Octadecane (C18)	11.601	3116151	18.833 ug/ml
10) T n-Eicosane (C20)	12.916	2958923	18.560 ug/ml
11) T n-Heneicosane (C21)	13.531	2892310	18.461 ug/ml
13) T n-Docosane (C22)	14.120	2863651	18.298 ug/ml
14) T n-Tetracosane (C24)	15.227	2828567	17.985 ug/ml
15) T n-Hexacosane (C26)	16.251	2773748	17.908 ug/ml
16) T n-Octacosane (C28)	17.203	2715994	17.756 ug/ml
17) T n-Tricontane (C30)	18.094	2750509	17.620 ug/ml
18) T n-Dotriacontane (C32)	18.930	2654635	17.348 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2369264	16.654 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2106621	16.902 ug/ml
21) T n-Octatriacontane (C38)	21.202	2077209	19.004 ug/ml
22) T n-Tetracontane (C40)	22.126	2136057	21.235 ug/ml

(f)=RT Delta > 1/2 Window

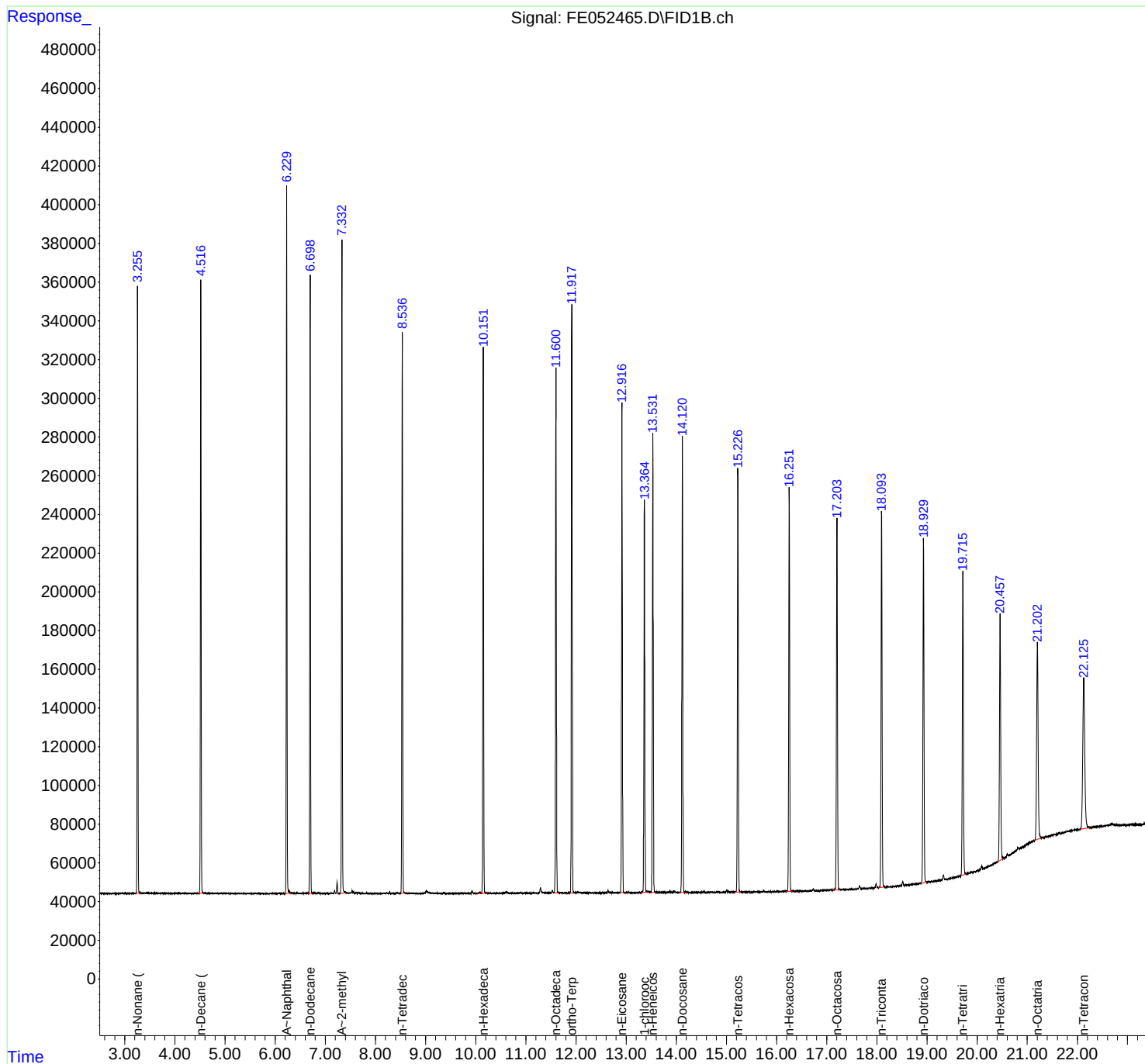
(m)=manual int.

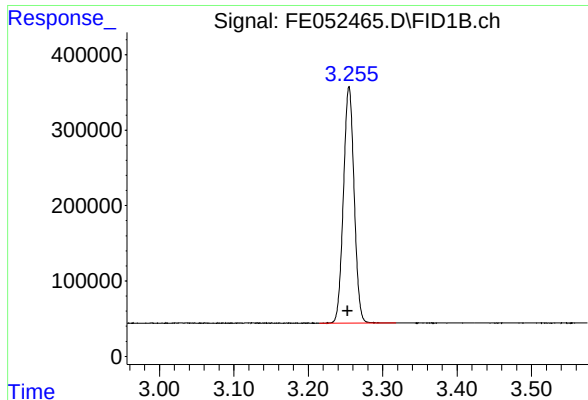
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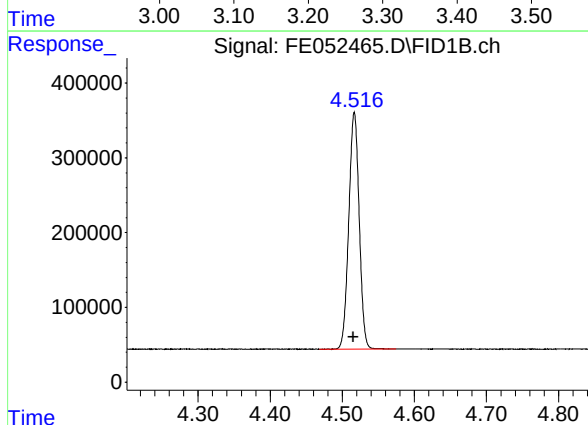




#1 n-Nonane (C9)

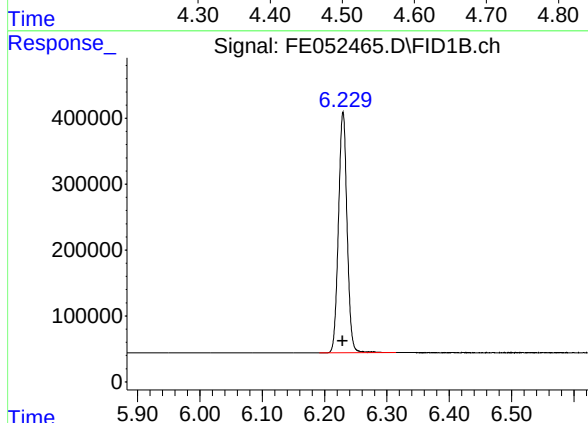
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3129437
Conc: 20.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



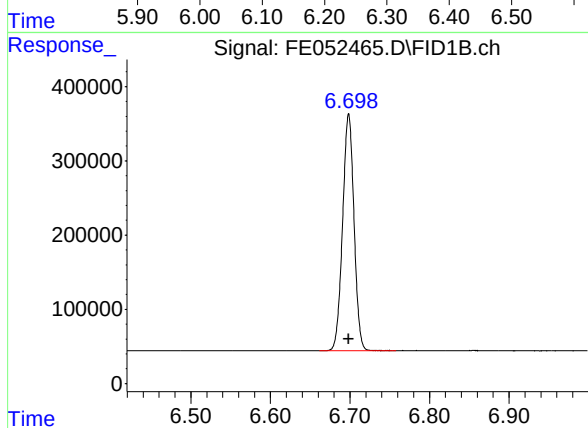
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 3187878
Conc: 20.41 ug/ml



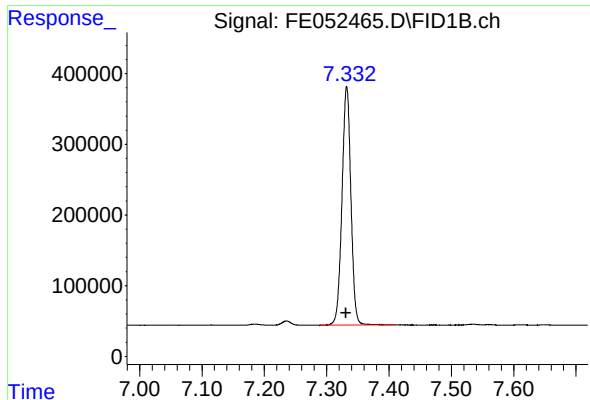
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3506649
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

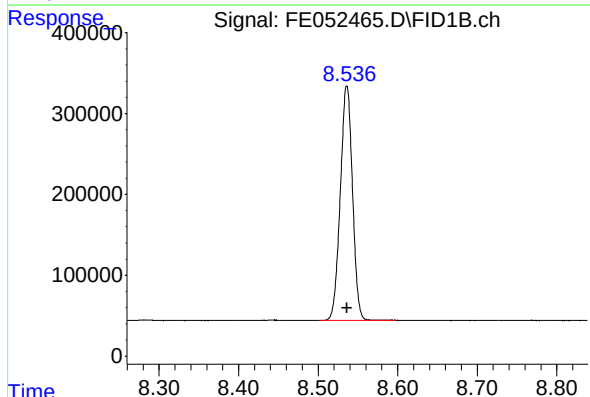
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3177478
Conc: 20.13 ug/ml



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

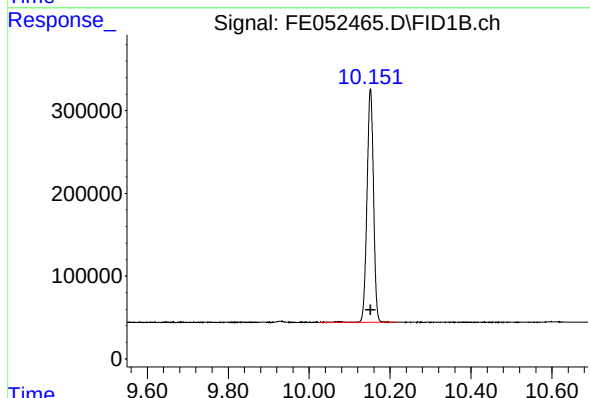
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 3361262
Conc: 20.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



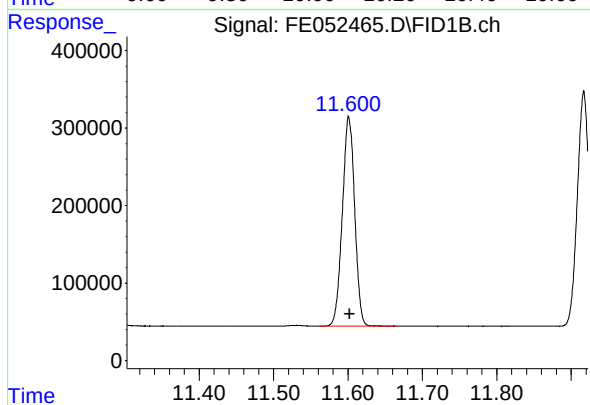
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3086655
Conc: 19.60 ug/ml



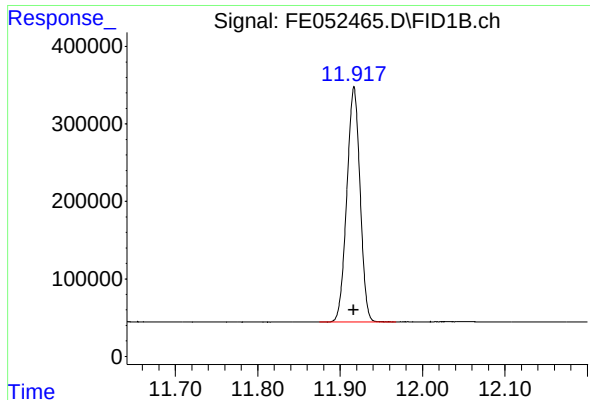
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 3145654
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

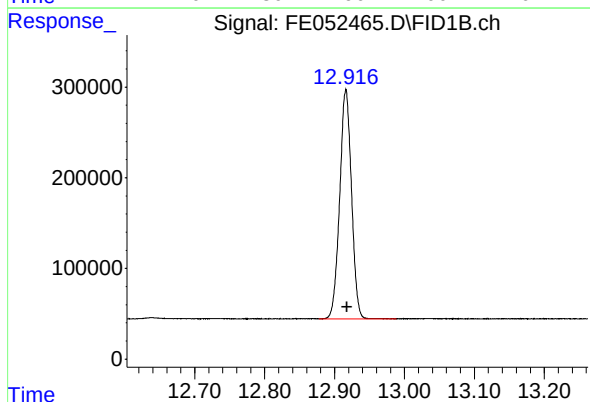
R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 3116151
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

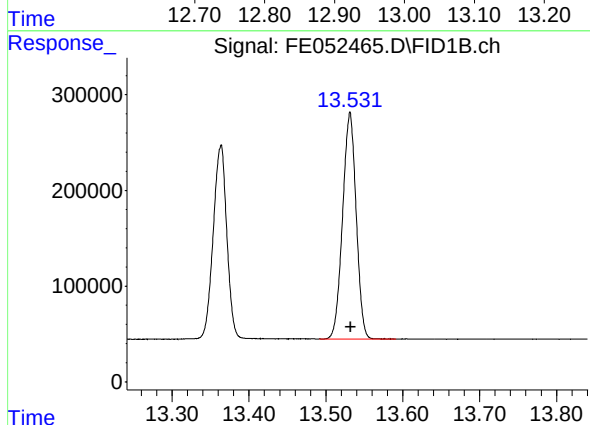
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 3376840
Conc: 18.06 ug/ml

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20 PPM ALIPHATIC HC STD



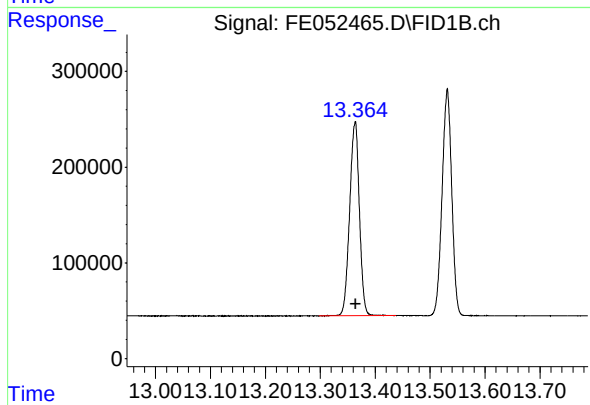
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 2958923
Conc: 18.56 ug/ml



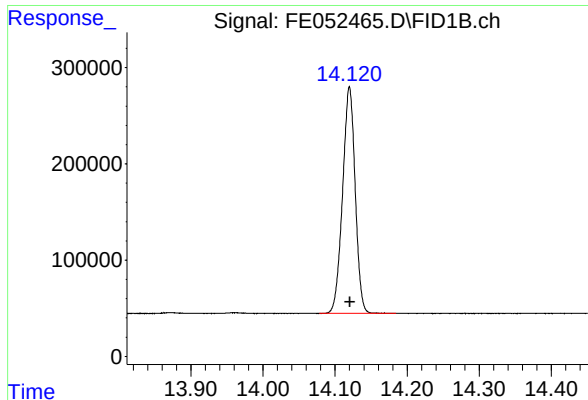
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 2892310
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

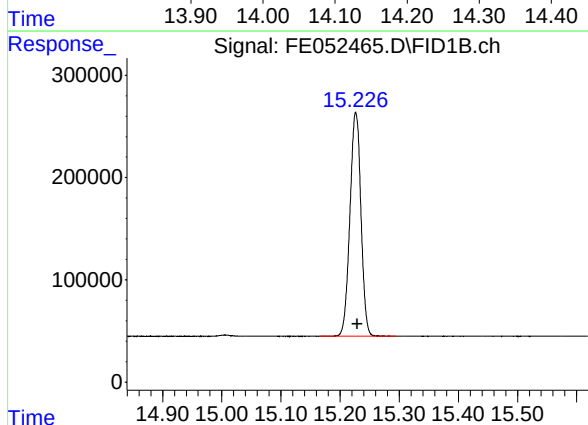
R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 2500738
Conc: 17.99 ug/ml



#13 n-Docosane (C22)

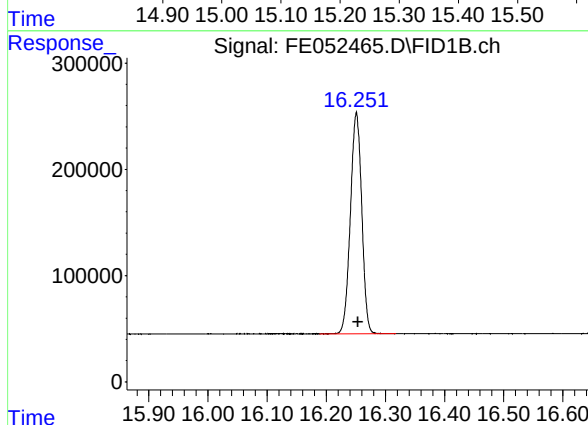
R.T.: 14.120 min
Delta R.T.: -0.001 min
Response: 2863651
Conc: 18.30 ug/ml

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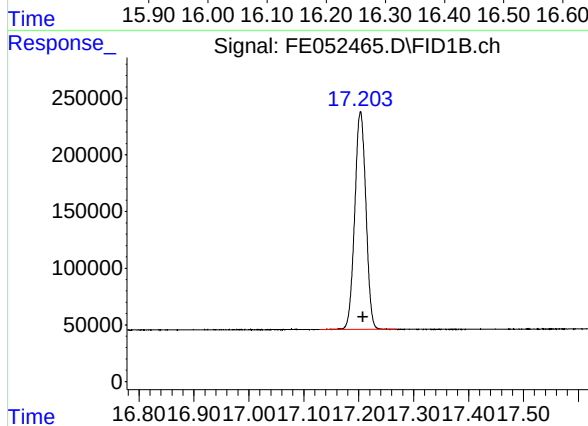
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.002 min
Response: 2828567
Conc: 17.99 ug/ml



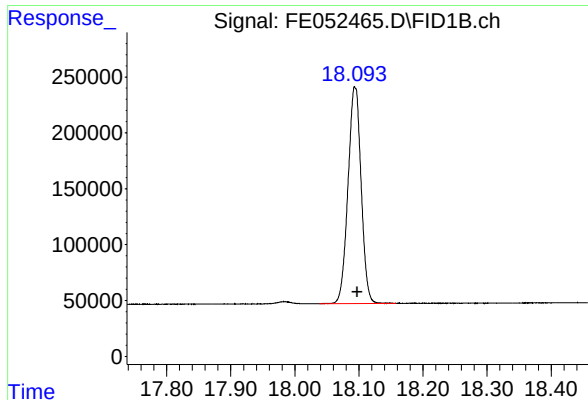
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 2773748
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

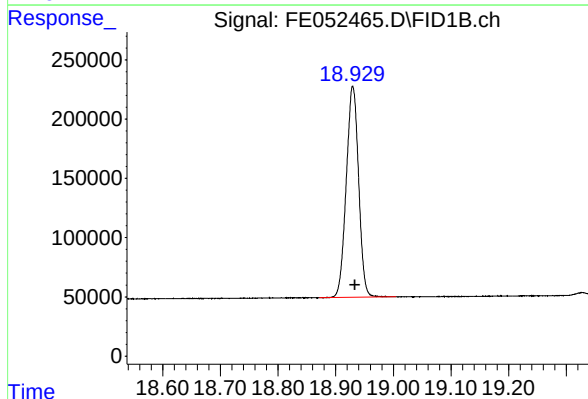
R.T.: 17.203 min
Delta R.T.: -0.004 min
Response: 2715994
Conc: 17.76 ug/ml



#17 n-Tricontane (C30)

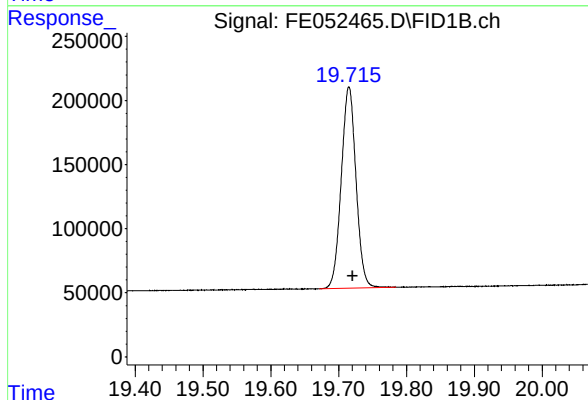
R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 2750509
Conc: 17.62 ug/ml

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20 PPM ALIPHATIC HC STD



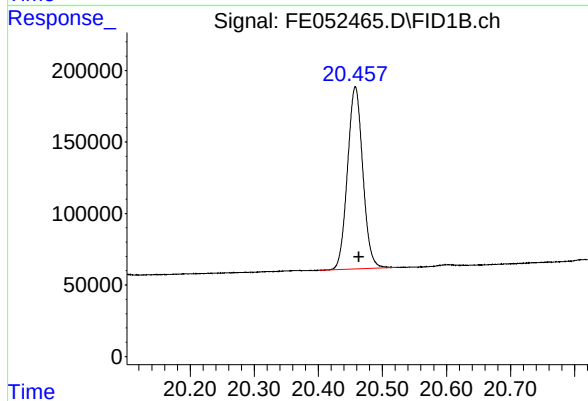
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 2654635
Conc: 17.35 ug/ml



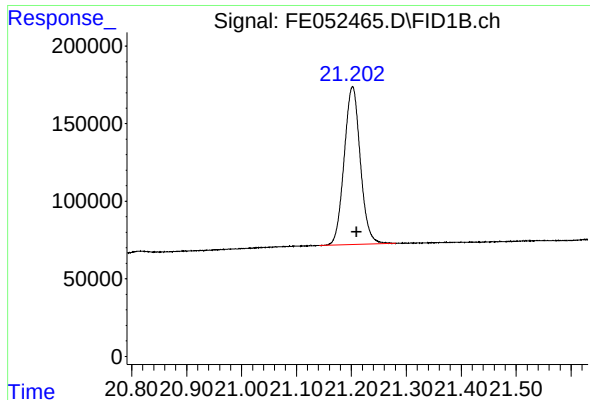
#19 n-Tetatriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.005 min
Response: 2369264
Conc: 16.65 ug/ml



#20 n-Hexatriacontane (C36)

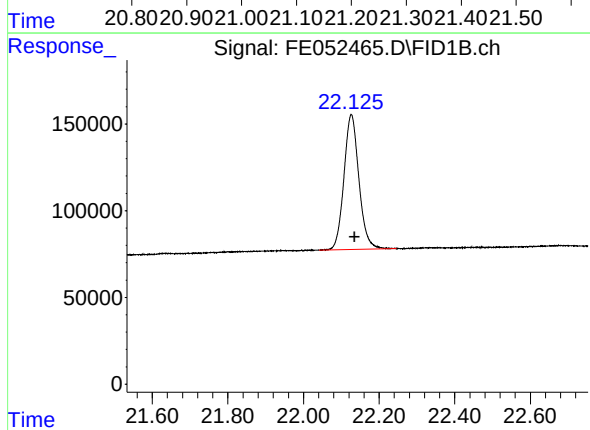
R.T.: 20.458 min
Delta R.T.: -0.006 min
Response: 2106621
Conc: 16.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.007 min
Response: 2077209
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.009 min
Response: 2136057
Conc: 21.24 ug/ml