

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
 Data File : FE053457.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2025 08:37
 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: Apr 22 11:33:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.876	3983806	22.088 ug/ml
Spiked Amount 50.000		Recovery =	44.18%
12) S 1-chlorooctadecane (S...	13.321	2914542	21.561 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T n-Nonane (C9)	3.223	3215349	23.452 ug/ml
2) T n-Decane (C10)	4.484	3291432	23.793 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3615028	23.949 ug/ml
4) T n-Dodecane (C12)	6.664	3325789	23.713 ug/ml
5) T A~2-methylnaphthalene...	7.298	3583608	24.002 ug/ml
6) T n-Tetradecane (C14)	8.500	3294915	23.487 ug/ml
7) T n-Hexadecane (C16)	10.114	3293435	22.979 ug/ml
8) T n-Octadecane (C18)	11.562	3265128	22.405 ug/ml
10) T n-Eicosane (C20)	12.876	3196505	21.967 ug/ml
11) T n-Heneicosane (C21)	13.490	3159308	21.812 ug/ml
13) T n-Docosane (C22)	14.078	3127107	21.670 ug/ml
14) T n-Tetracosane (C24)	15.183	3073479	21.397 ug/ml
15) T n-Hexacosane (C26)	16.207	3013717	21.279 ug/ml
16) T n-Octacosane (C28)	17.159	2967016	21.326 ug/ml
17) T n-Tricontane (C30)	18.048	3028946	21.760 ug/ml
18) T n-Dotriacontane (C32)	18.882	3020546	21.998 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2875461	22.069 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2857634	22.635 ug/ml
21) T n-Octatriacontane (C38)	21.147	2723994	22.359 ug/ml
22) T n-Tetracontane (C40)	22.056	2665262	22.318 ug/ml

(f)=RT Delta > 1/2 Window

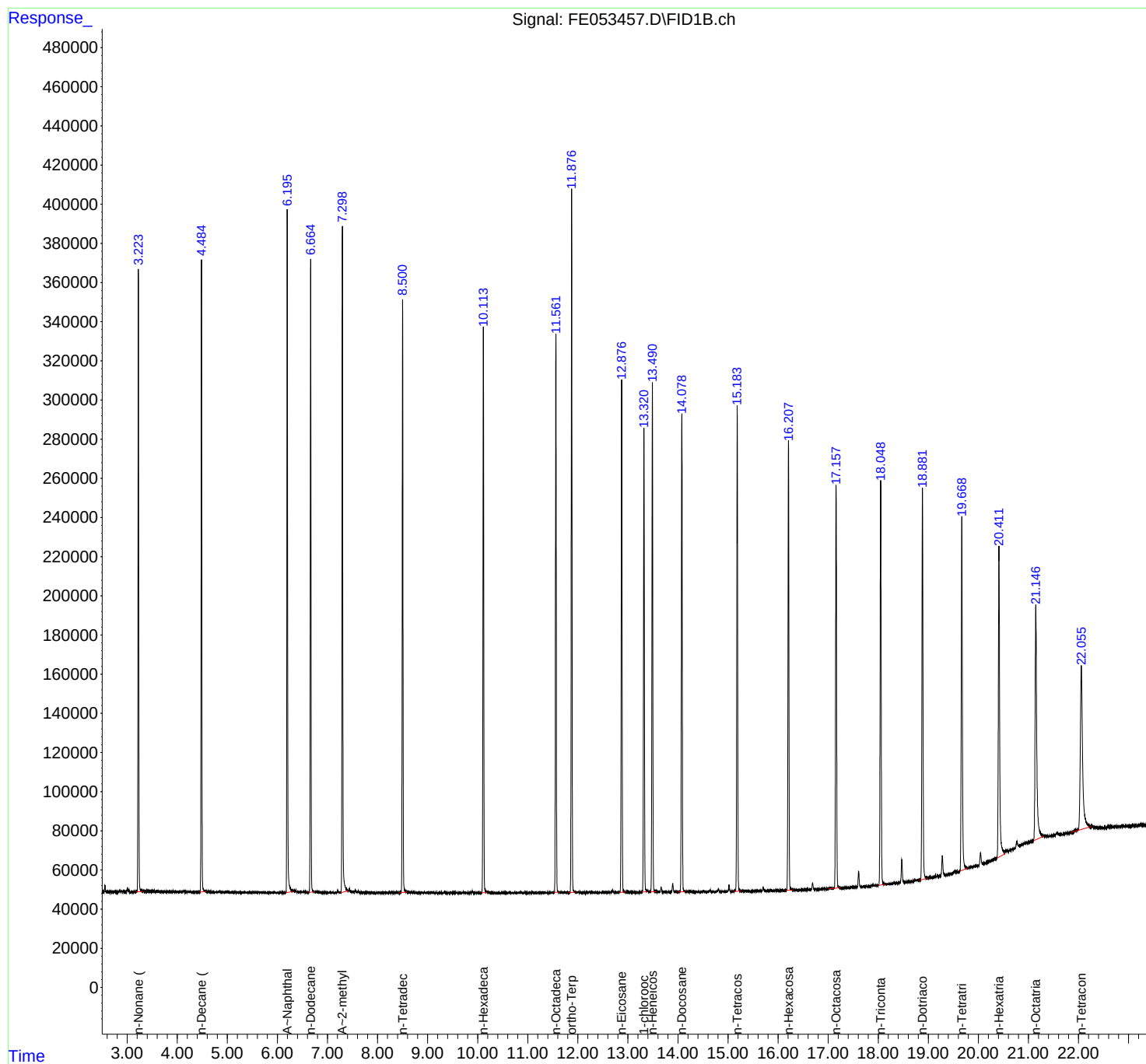
(m)=manual int.

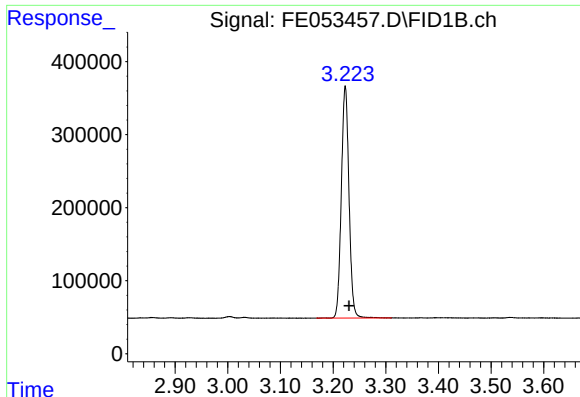
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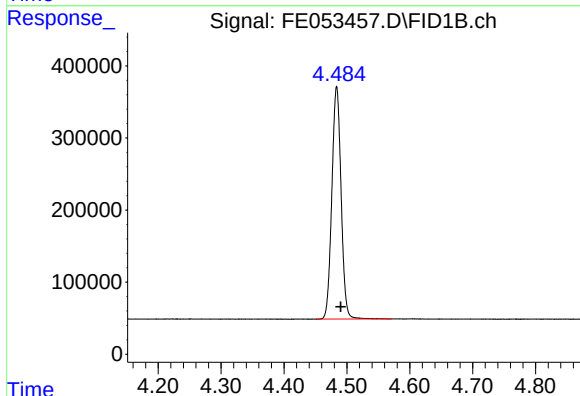




#1 n-Nonane (C9)

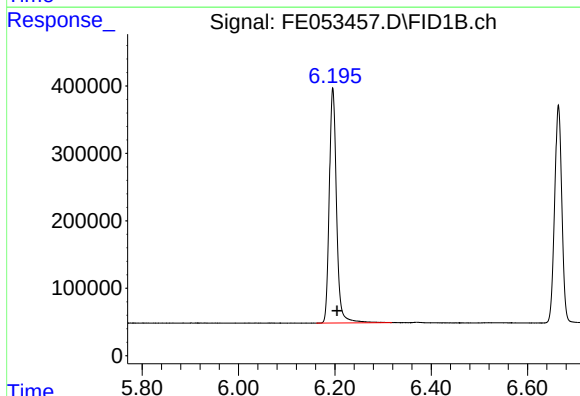
R.T.: 3.223 min
Delta R.T.: -0.007 min
Response: 3215349
Conc: 23.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



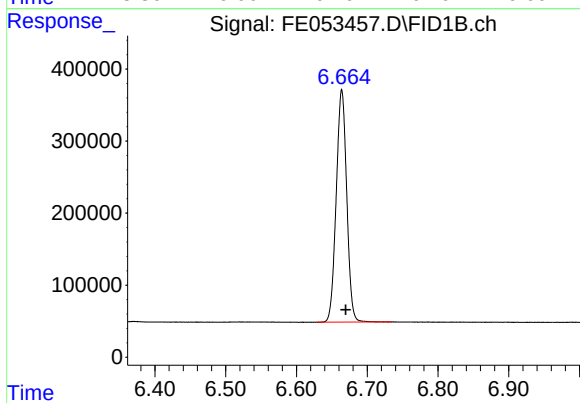
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 3291432
Conc: 23.79 ug/ml



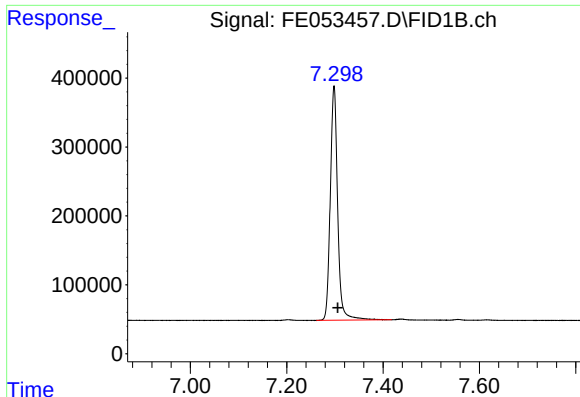
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 3615028
Conc: 23.95 ug/ml



#4 n-Dodecane (C12)

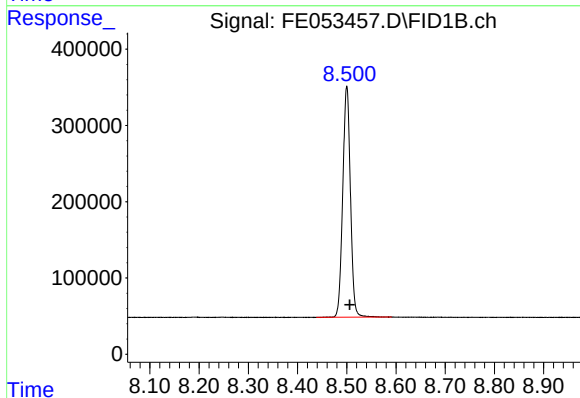
R.T.: 6.664 min
Delta R.T.: -0.006 min
Response: 3325789
Conc: 23.71 ug/ml



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

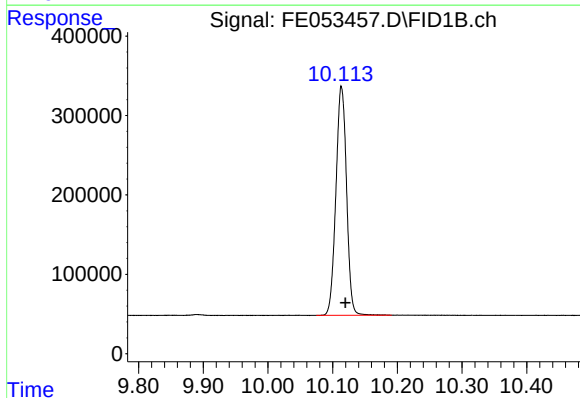
R.T.: 7.298 min
Delta R.T.: -0.008 min
Response: 3583608
Conc: 24.00 ug/ml

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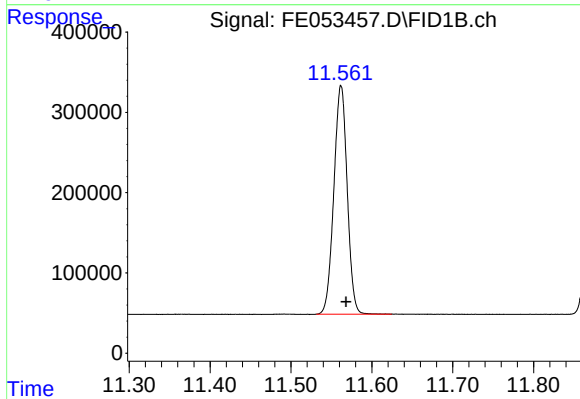
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.006 min
Response: 3294915
Conc: 23.49 ug/ml



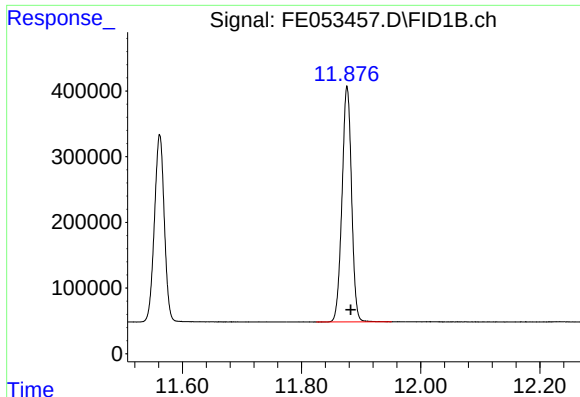
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.006 min
Response: 3293435
Conc: 22.98 ug/ml



#8 n-Octadecane (C18)

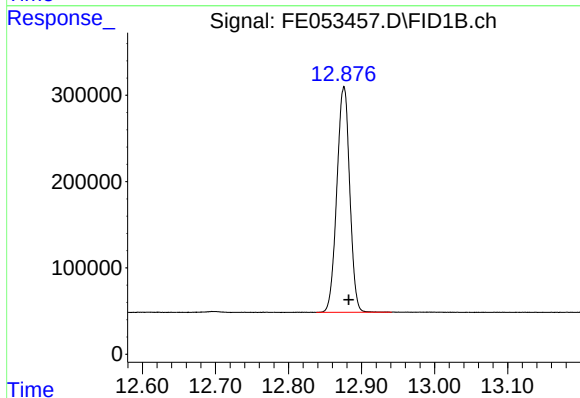
R.T.: 11.562 min
Delta R.T.: -0.006 min
Response: 3265128
Conc: 22.40 ug/ml



#9 ortho-Terphenyl (SURR)

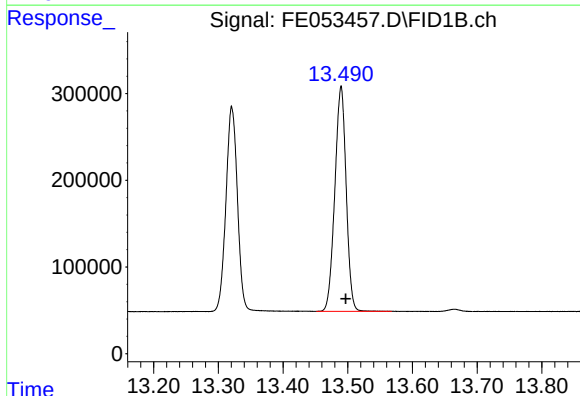
R.T.: 11.876 min
Delta R.T.: -0.006 min
Response: 3983806
Conc: 22.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



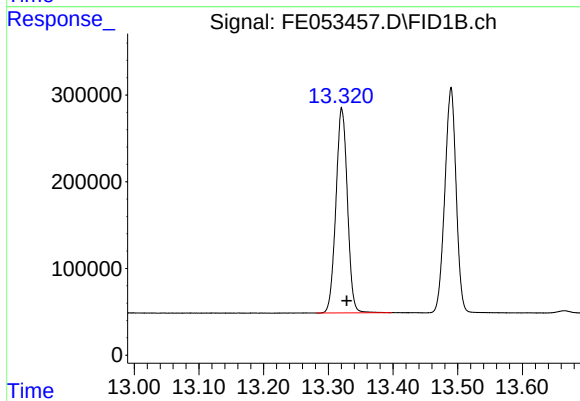
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.007 min
Response: 3196505
Conc: 21.97 ug/ml



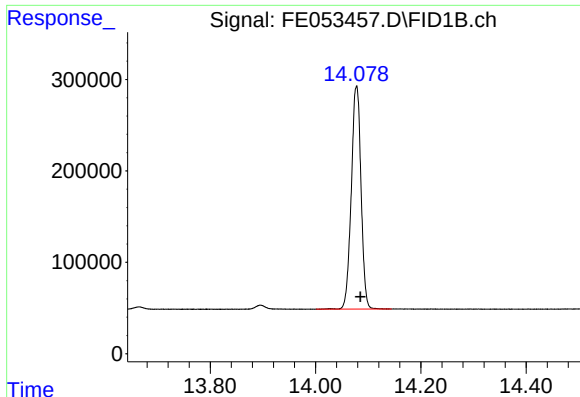
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: -0.008 min
Response: 3159308
Conc: 21.81 ug/ml



#12 1-chlorooctadecane (SURR)

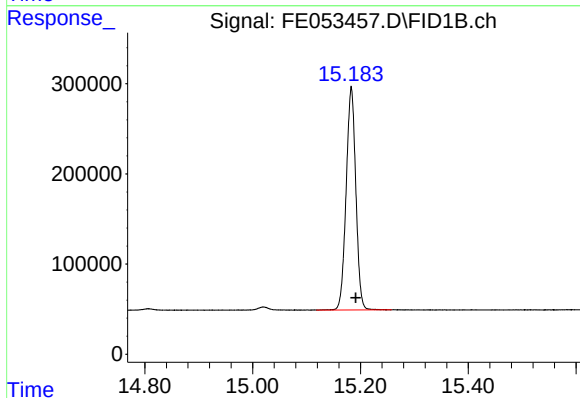
R.T.: 13.321 min
Delta R.T.: -0.008 min
Response: 2914542
Conc: 21.56 ug/ml



#13 n-Docosane (C22)

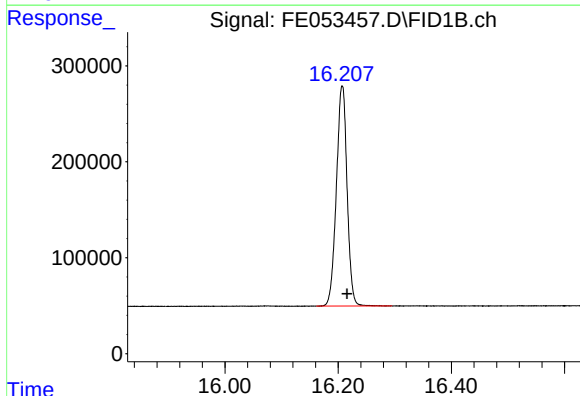
R.T.: 14.078 min
Delta R.T.: -0.007 min
Response: 3127107
Conc: 21.67 ug/ml

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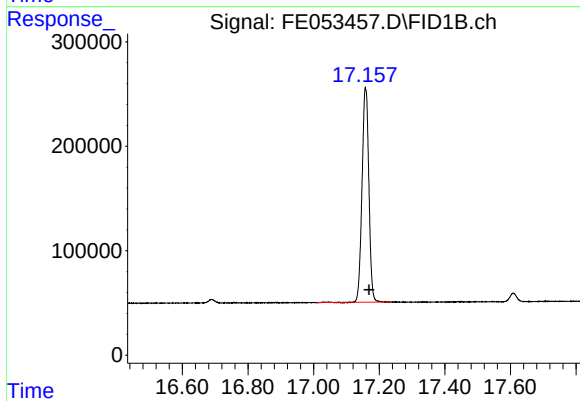
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.008 min
Response: 3073479
Conc: 21.40 ug/ml



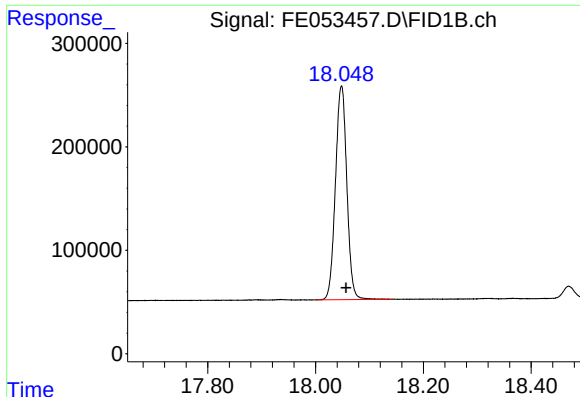
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.008 min
Response: 3013717
Conc: 21.28 ug/ml



#16 n-Octacosane (C28)

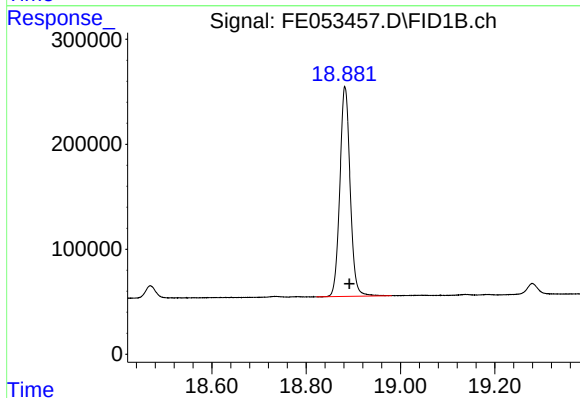
R.T.: 17.159 min
Delta R.T.: -0.010 min
Response: 2967016
Conc: 21.33 ug/ml



#17 n-Tricontane (C30)

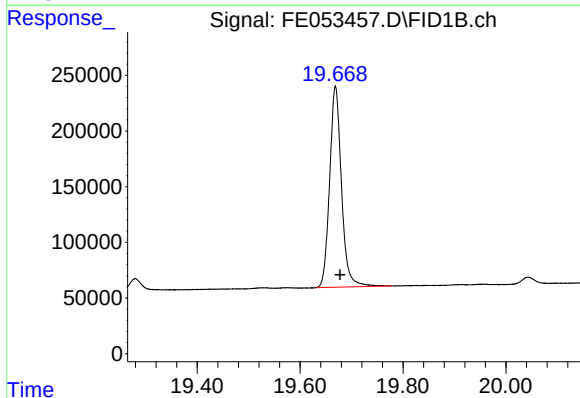
R.T.: 18.048 min
Delta R.T.: -0.009 min
Response: 3028946
Conc: 21.76 ug/ml

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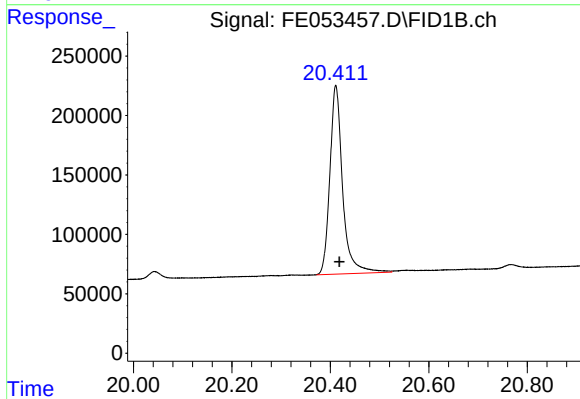
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.009 min
Response: 3020546
Conc: 22.00 ug/ml



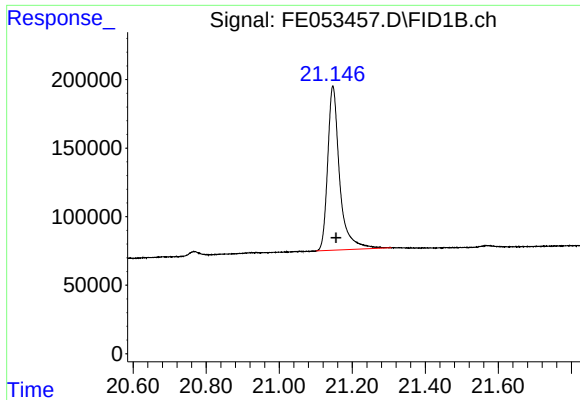
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.009 min
Response: 2875461
Conc: 22.07 ug/ml



#20 n-Hexatriacontane (C36)

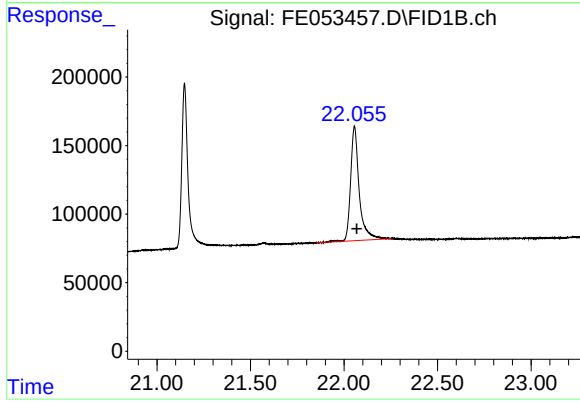
R.T.: 20.411 min
Delta R.T.: -0.007 min
Response: 2857634
Conc: 22.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: -0.008 min
Response: 2723994
Conc: 22.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.013 min
Response: 2665262
Conc: 22.32 ug/ml