

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092625AL\
 Data File : FE056022.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2025 09:21
 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 26 11:22:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.066	3550395	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	13.503	2746078	19.676 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.403	2279562	16.640 ug/ml
2) T n-Decane (C10)	4.663	2313380	16.576 ug/ml
3) T A~Naphthalene (C11.7)	6.382	2746878	17.204 ug/ml
4) T n-Dodecane (C12)	6.839	2377304	16.563 ug/ml
5) T A~2-methylnaphthalene...	7.483	2704816	17.392 ug/ml
6) T n-Tetradecane (C14)	8.675	2494789	16.874 ug/ml
7) T n-Hexadecane (C16)	10.290	2773746	17.455 ug/ml
8) T n-Octadecane (C18)	11.740	3056556	18.045 ug/ml
10) T n-Eicosane (C20)	13.054	3132781	18.899 ug/ml
11) T n-Heneicosane (C21)	13.669	3135523	19.297 ug/ml
13) T n-Docosane (C22)	14.258	3139995	19.651 ug/ml
14) T n-Tetracosane (C24)	15.364	3084039	20.239 ug/ml
15) T n-Hexacosane (C26)	16.388	2872583	20.140 ug/ml
16) T n-Octacosane (C28)	17.340	2764641	19.846 ug/ml
17) T n-Tricontane (C30)	18.230	2884646	19.467 ug/ml
18) T n-Dotriacontane (C32)	19.064	2918713	19.563 ug/ml
19) T n-Tetratriacontane (C34)	19.850	2785158	19.690 ug/ml
20) T n-Hexatriacontane (C36)	20.591	2529917	19.708 ug/ml
21) T n-Octatriacontane (C38)	21.366	2355179	17.932 ug/ml
22) T n-Tetracontane (C40)	22.346	2173183	18.267 ug/ml

(f)=RT Delta > 1/2 Window

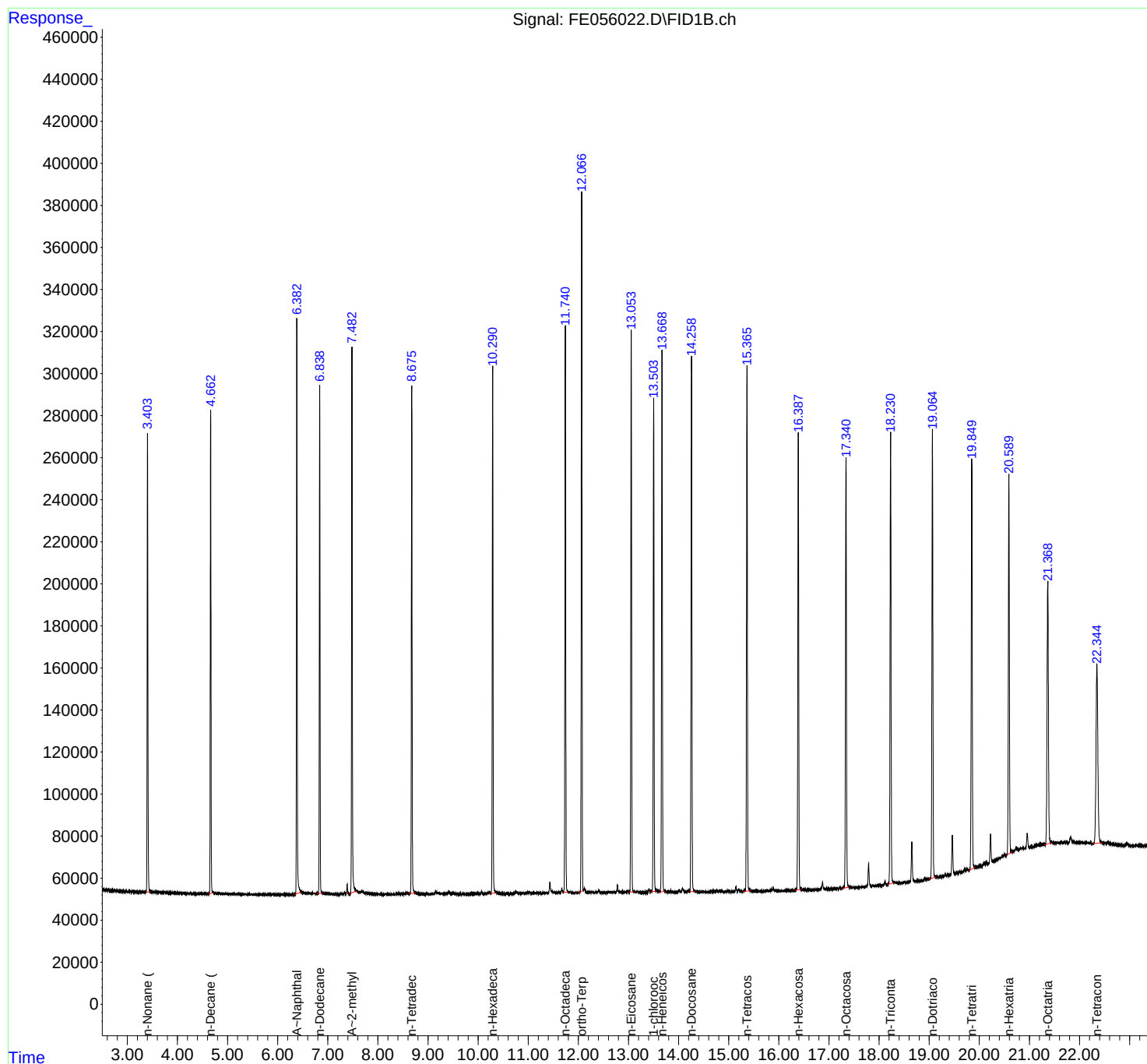
(m)=manual int.

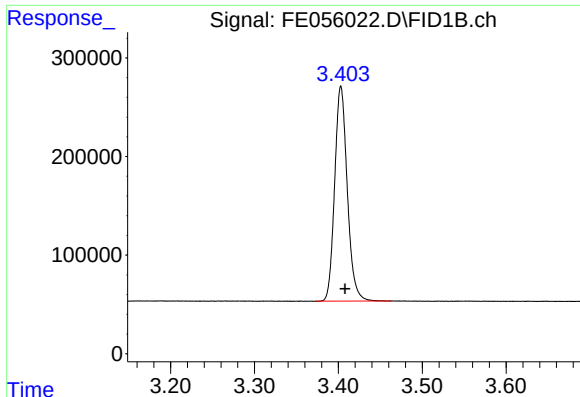
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092625AL\
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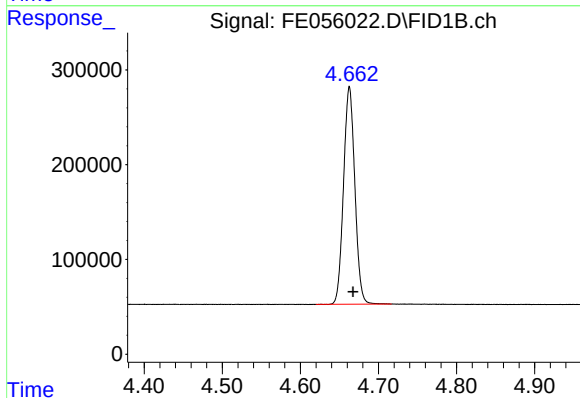




#1 n-Nonane (C9)

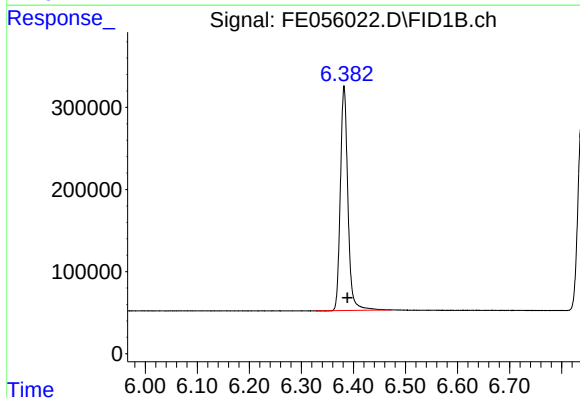
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2279562
Conc: 16.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



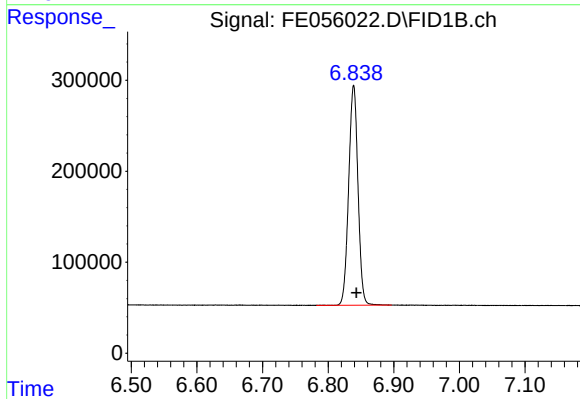
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 2313380
Conc: 16.58 ug/ml



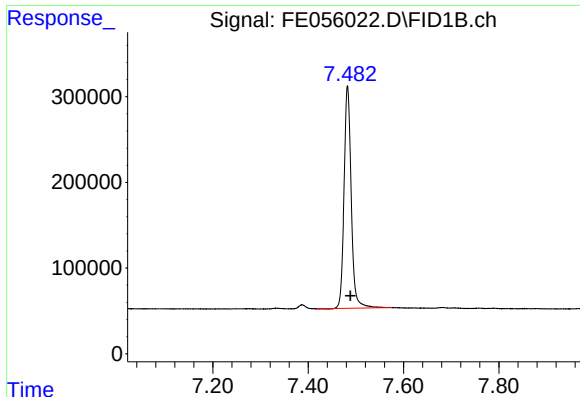
#3 A~Naphthalene (C11.7)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2746878
Conc: 17.20 ug/ml



#4 n-Dodecane (C12)

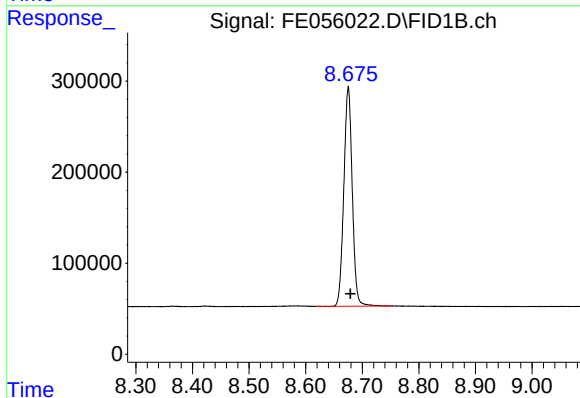
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 2377304
Conc: 16.56 ug/ml



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

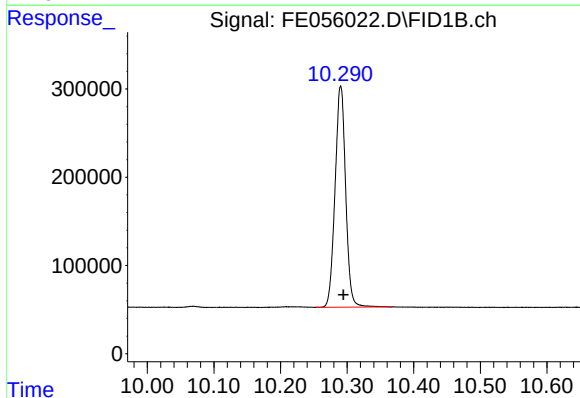
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 2704816
Conc: 17.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



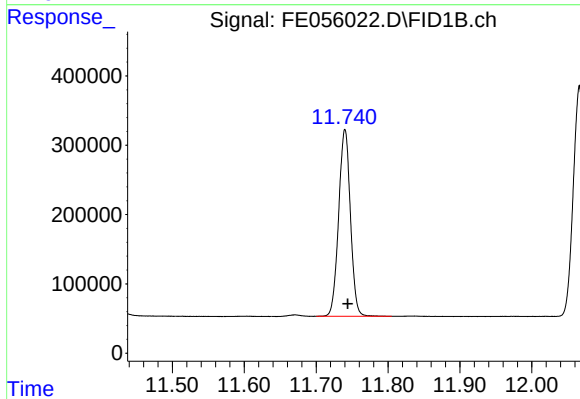
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 2494789
Conc: 16.87 ug/ml



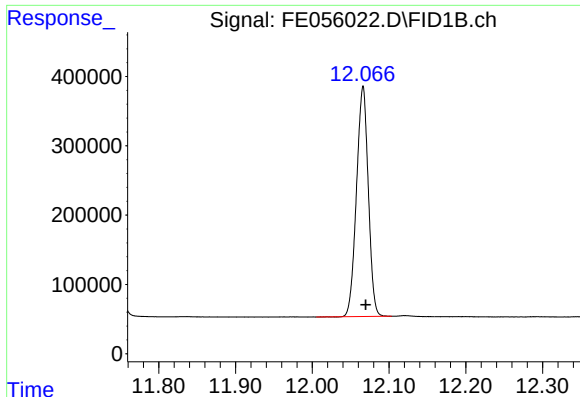
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.004 min
Response: 2773746
Conc: 17.46 ug/ml



#8 n-Octadecane (C18)

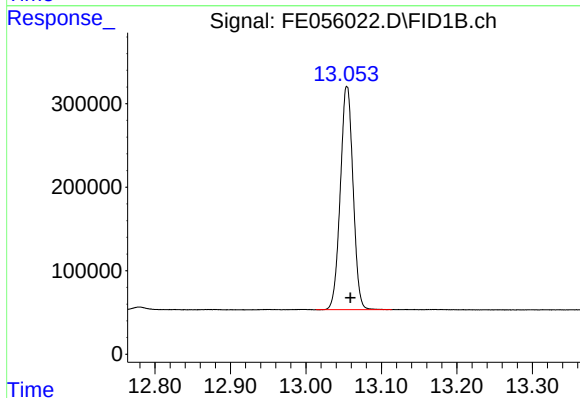
R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 3056556
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

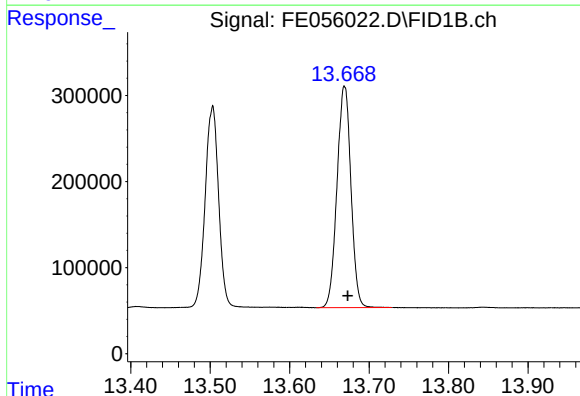
R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 3550395
Conc: 18.92 ug/ml

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20 PPM ALIPHATIC HC STD



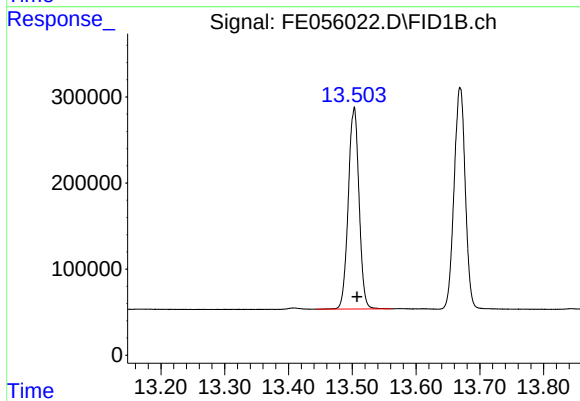
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.004 min
Response: 3132781
Conc: 18.90 ug/ml



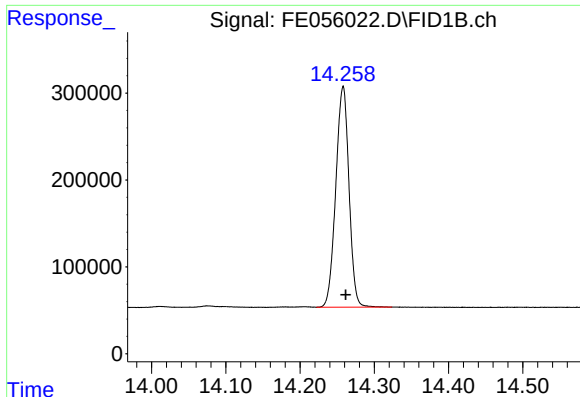
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: -0.004 min
Response: 3135523
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

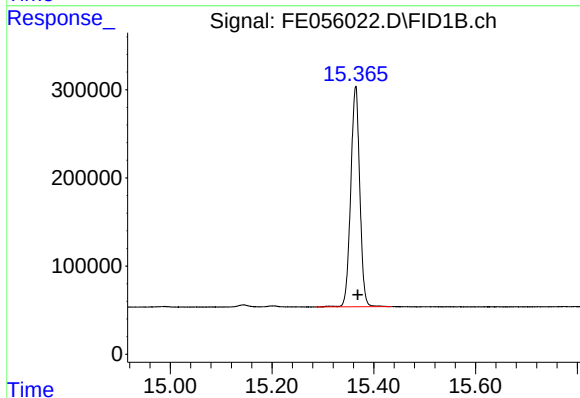
R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2746078
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

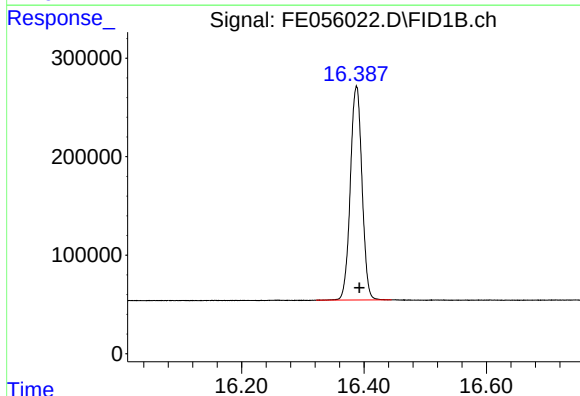
R.T.: 14.258 min
Delta R.T.: -0.004 min
Response: 3139995
Conc: 19.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



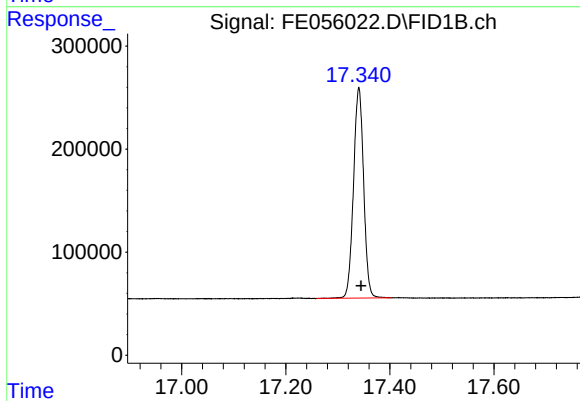
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.004 min
Response: 3084039
Conc: 20.24 ug/ml



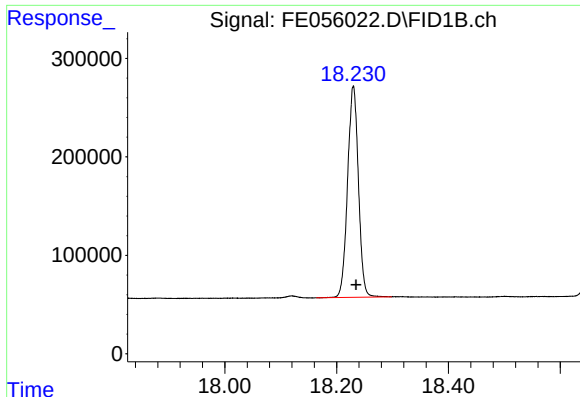
#15 n-Hexacosane (C26)

R.T.: 16.388 min
Delta R.T.: -0.005 min
Response: 2872583
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

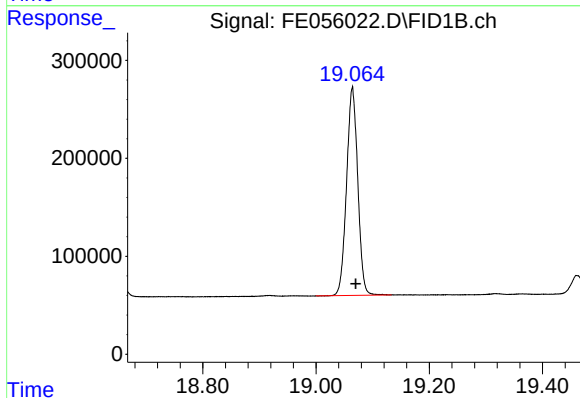
R.T.: 17.340 min
Delta R.T.: -0.004 min
Response: 2764641
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

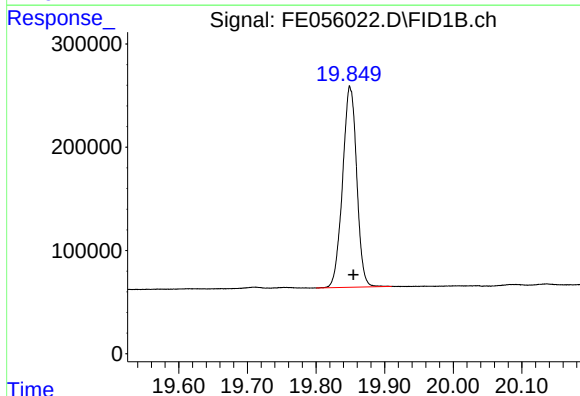
R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 2884646
Conc: 19.47 ug/ml

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20 PPM ALIPHATIC HC STD



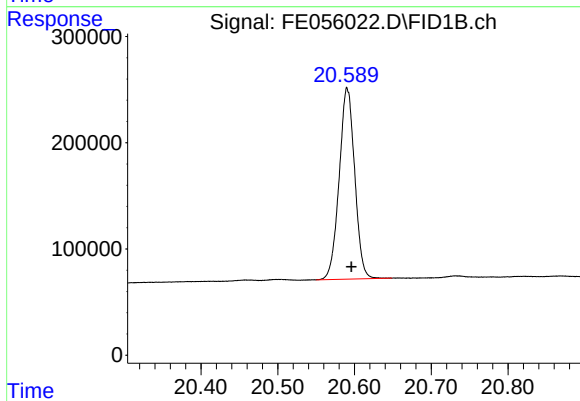
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: -0.006 min
Response: 2918713
Conc: 19.56 ug/ml



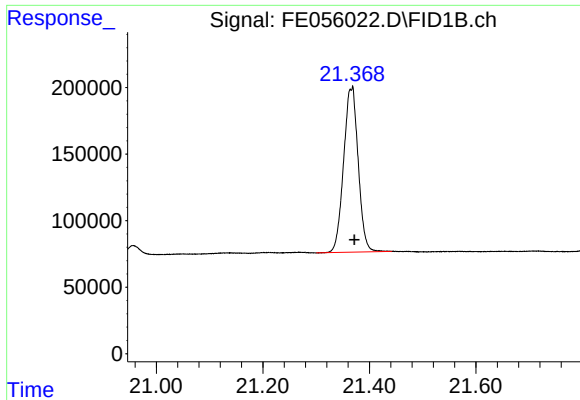
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 2785158
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

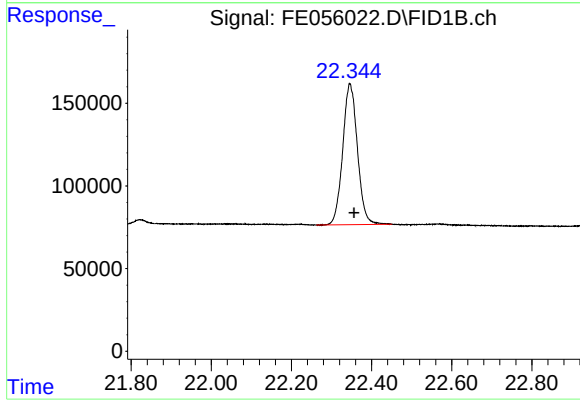
R.T.: 20.591 min
Delta R.T.: -0.006 min
Response: 2529917
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: -0.006 min
Response: 2355179
Conc: 17.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.346 min
Delta R.T.: -0.011 min
Response: 2173183
Conc: 18.27 ug/ml