

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
 Data File : FE055055.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2025 19:23
 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: sample.E
 Quant Time: Jul 29 02:41:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.090	2898295	19.580 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	13.526	2193598	19.589 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.425	2304006	18.977 ug/ml
2) T n-Decane (C10)	4.684	2363198	19.093 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2744666	19.284 ug/ml
4) T n-Dodecane (C12)	6.860	2448854	19.321 ug/ml
5) T A~2-methylnaphthalene...	7.505	2676594	19.370 ug/ml
6) T n-Tetradecane (C14)	8.698	2495645	19.006 ug/ml
7) T n-Hexadecane (C16)	10.313	2613445	19.428 ug/ml
8) T n-Octadecane (C18)	11.763	2659428	19.540 ug/ml
10) T n-Eicosane (C20)	13.077	2550560	19.599 ug/ml
11) T n-Heneicosane (C21)	13.692	2505085	19.699 ug/ml
13) T n-Docosane (C22)	14.280	2492722	19.754 ug/ml
14) T n-Tetracosane (C24)	15.387	2499514	19.944 ug/ml
15) T n-Hexacosane (C26)	16.411	2466361	19.963 ug/ml
16) T n-Octacosane (C28)	17.364	2441980	19.699 ug/ml
17) T n-Tricontane (C30)	18.253	2549294	19.454 ug/ml
18) T n-Dotriacontane (C32)	19.088	2511795	19.265 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2364466	19.072 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2255563	19.634 ug/ml
21) T n-Octatriacontane (C38)	21.395	2304240	20.502 ug/mlm
22) T n-Tetracontane (C40)	22.392	2039269	18.494 ug/ml

(f)=RT Delta > 1/2 Window

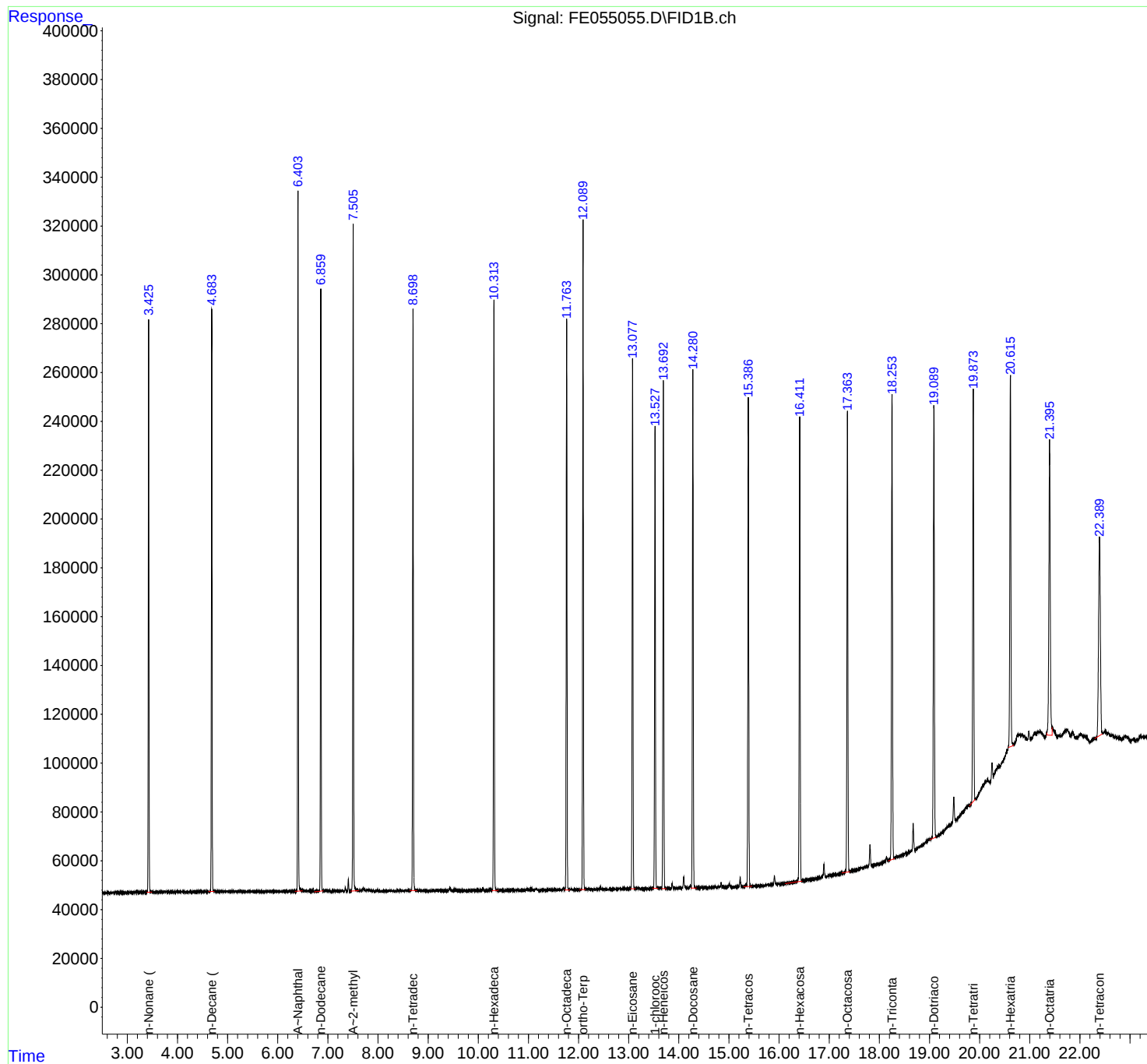
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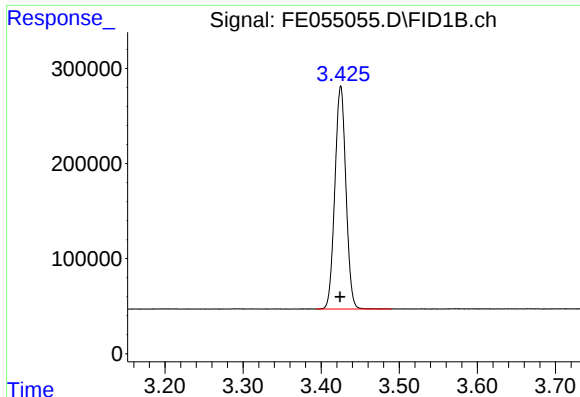
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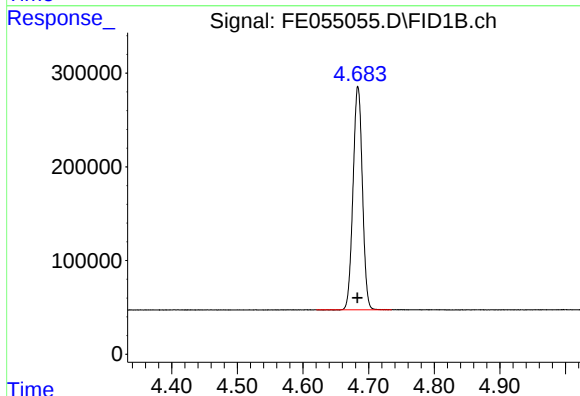




#1 n-Nonane (C9)

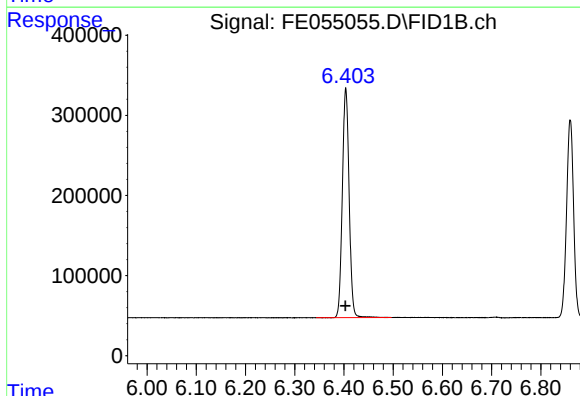
R.T.: 3.425 min
Delta R.T.: 0.001 min
Response: 2304006
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



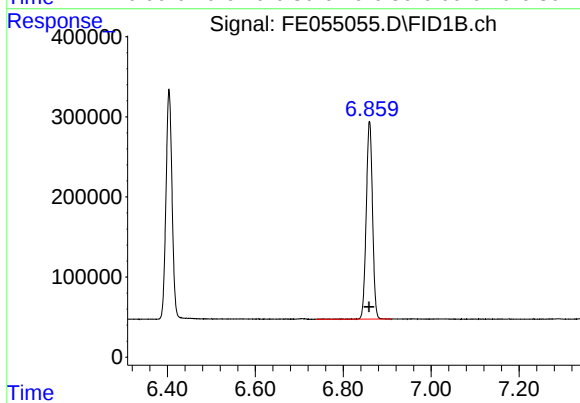
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 2363198
Conc: 19.09 ug/ml



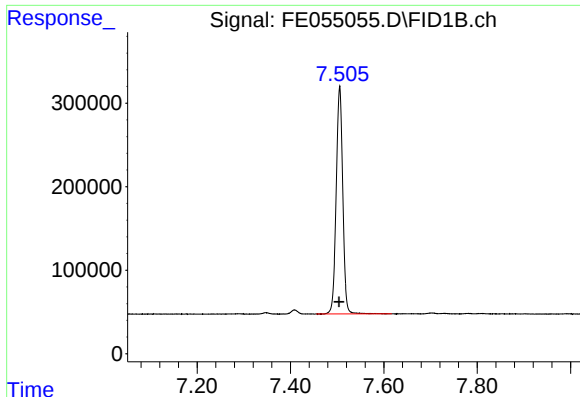
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2744666
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

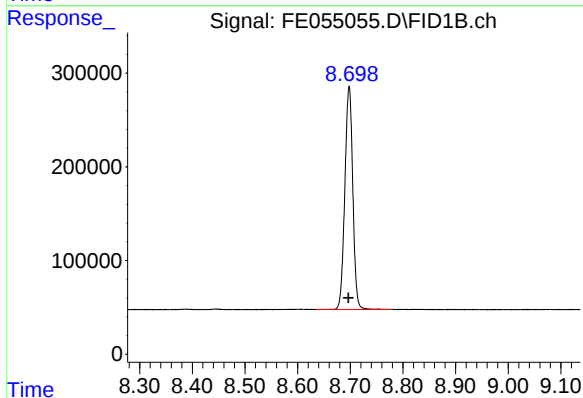
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 2448854
Conc: 19.32 ug/ml



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

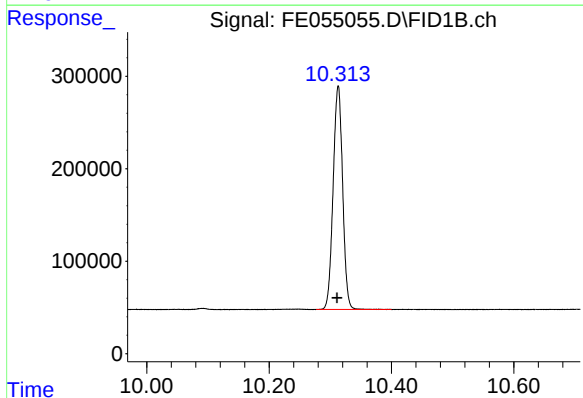
R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 2676594
Conc: 19.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



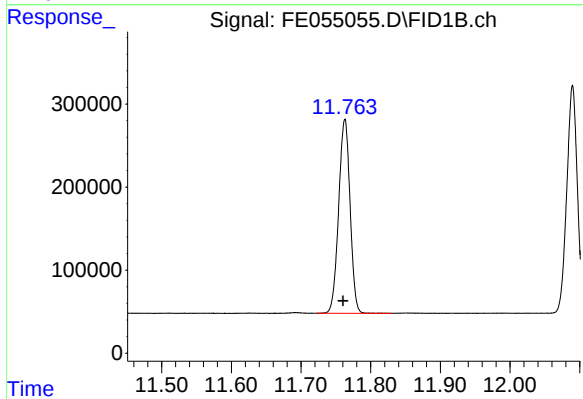
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.001 min
Response: 2495645
Conc: 19.01 ug/ml



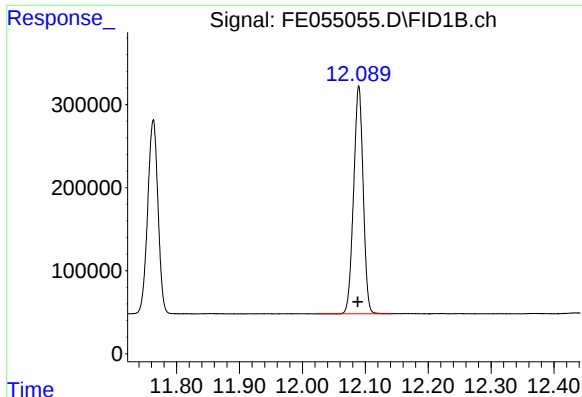
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.002 min
Response: 2613445
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

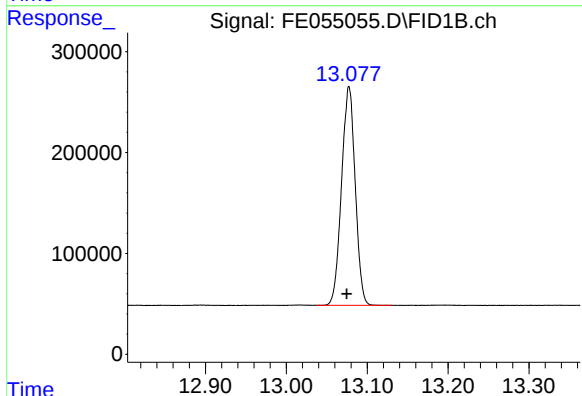
R.T.: 11.763 min
Delta R.T.: 0.002 min
Response: 2659428
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

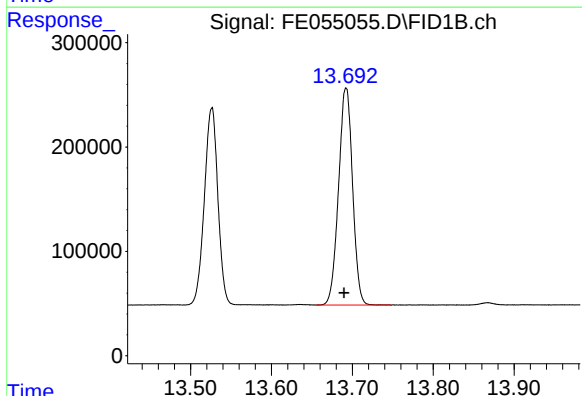
R.T.: 12.090 min
Delta R.T.: 0.002 min
Response: 2898295
Conc: 19.58 ug/ml

Instrument :
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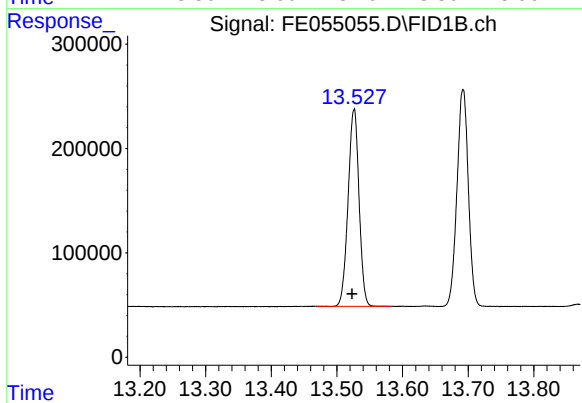
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.003 min
Response: 2550560
Conc: 19.60 ug/ml



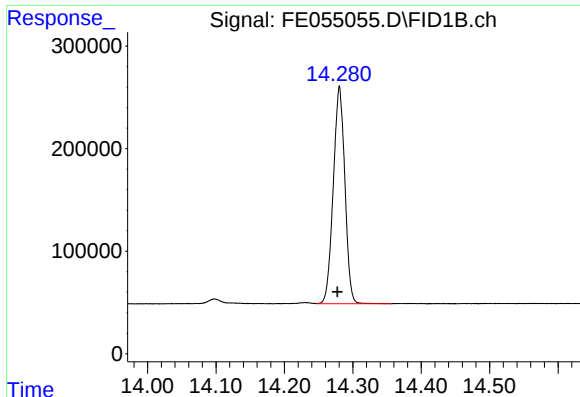
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2505085
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

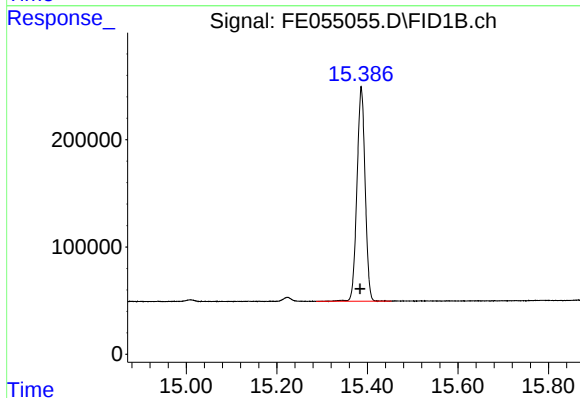
R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 2193598
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

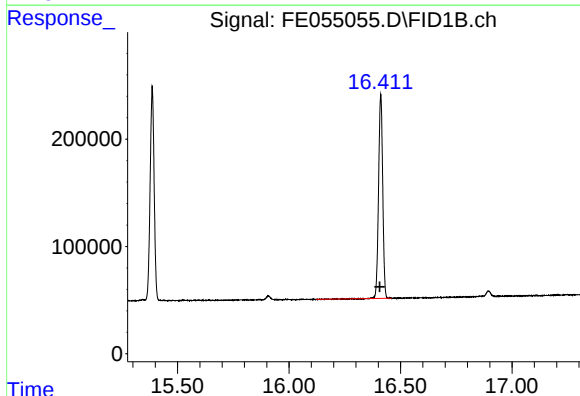
R.T.: 14.280 min
Delta R.T.: 0.003 min
Response: 2492722
Conc: 19.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



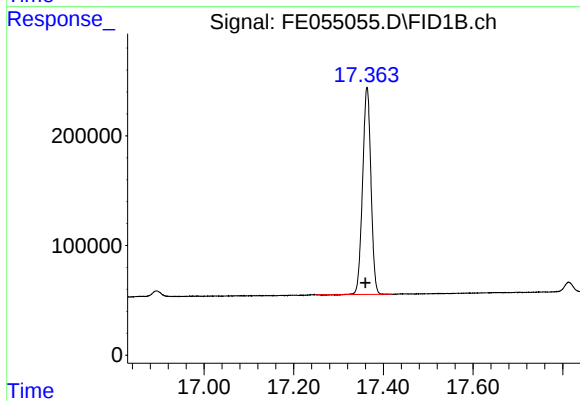
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.003 min
Response: 2499514
Conc: 19.94 ug/ml



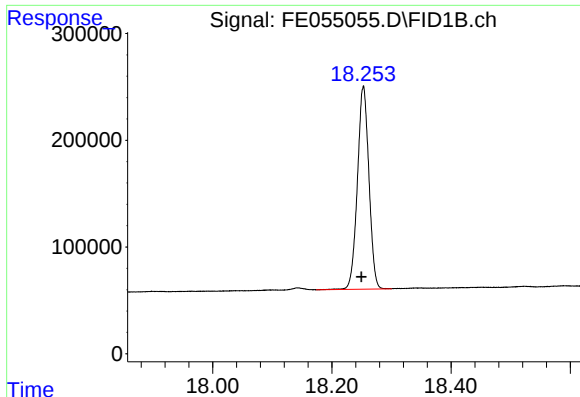
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 2466361
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

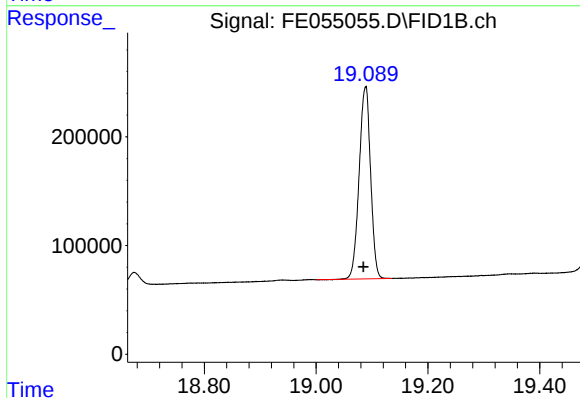
R.T.: 17.364 min
Delta R.T.: 0.003 min
Response: 2441980
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

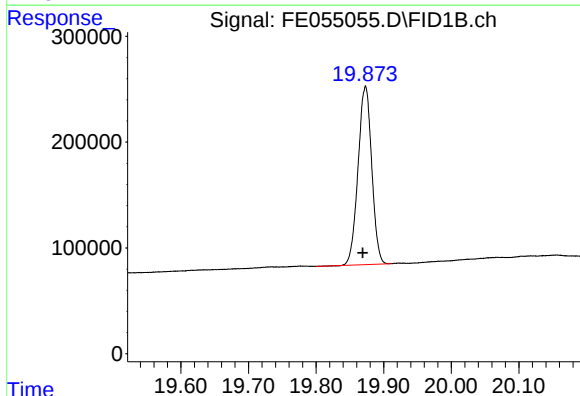
R.T.: 18.253 min
Delta R.T.: 0.003 min
Response: 2549294
Conc: 19.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



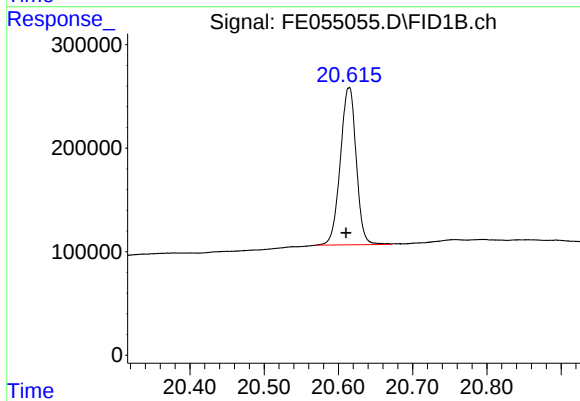
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.004 min
Response: 2511795
Conc: 19.26 ug/ml



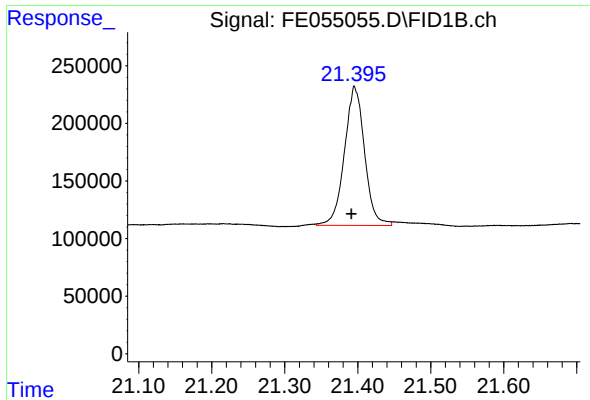
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.004 min
Response: 2364466
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

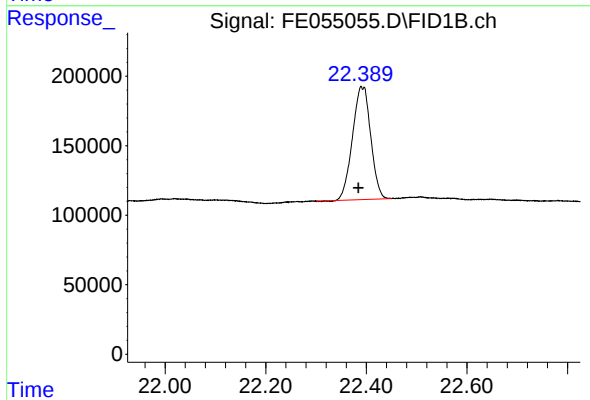
R.T.: 20.614 min
Delta R.T.: 0.004 min
Response: 2255563
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.003 min
Response: 2304240
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.008 min
Response: 2039269
Conc: 18.49 ug/ml