

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
 Data File : FE055993.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2025 13:34
 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 25 16:32:08 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)	12.070	3582415	19.091 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	13.506	2665435	19.098 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.407	2435710	17.780 ug/ml
2) T n-Decane (C10)	4.666	2485690	17.810 ug/ml
3) T A~Naphthalene (C11.7)	6.385	2961048	18.545 ug/ml
4) T n-Dodecane (C12)	6.842	2580039	17.976 ug/ml
5) T A~2-methylnaphthalene...	7.486	2904677	18.677 ug/ml
6) T n-Tetradecane (C14)	8.678	2704745	18.294 ug/ml
7) T n-Hexadecane (C16)	10.293	2945169	18.534 ug/ml
8) T n-Octadecane (C18)	11.743	3174742	18.743 ug/ml
10) T n-Eicosane (C20)	13.058	3140468	18.945 ug/ml
11) T n-Heneicosane (C21)	13.672	3084914	18.985 ug/ml
13) T n-Docosane (C22)	14.260	3033295	18.983 ug/ml
14) T n-Tetracosane (C24)	15.368	2919823	19.161 ug/ml
15) T n-Hexacosane (C26)	16.392	2711333	19.009 ug/ml
16) T n-Octacosane (C28)	17.345	2630115	18.880 ug/ml
17) T n-Tricontane (C30)	18.235	2757497	18.609 ug/ml
18) T n-Dotriacontane (C32)	19.070	2755554	18.469 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2622789	18.542 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2397019	18.673 ug/ml
21) T n-Octatriacontane (C38)	21.373	2278408	17.347 ug/ml
22) T n-Tetracontane (C40)	22.354	2143467	18.017 ug/ml

(f)=RT Delta > 1/2 Window

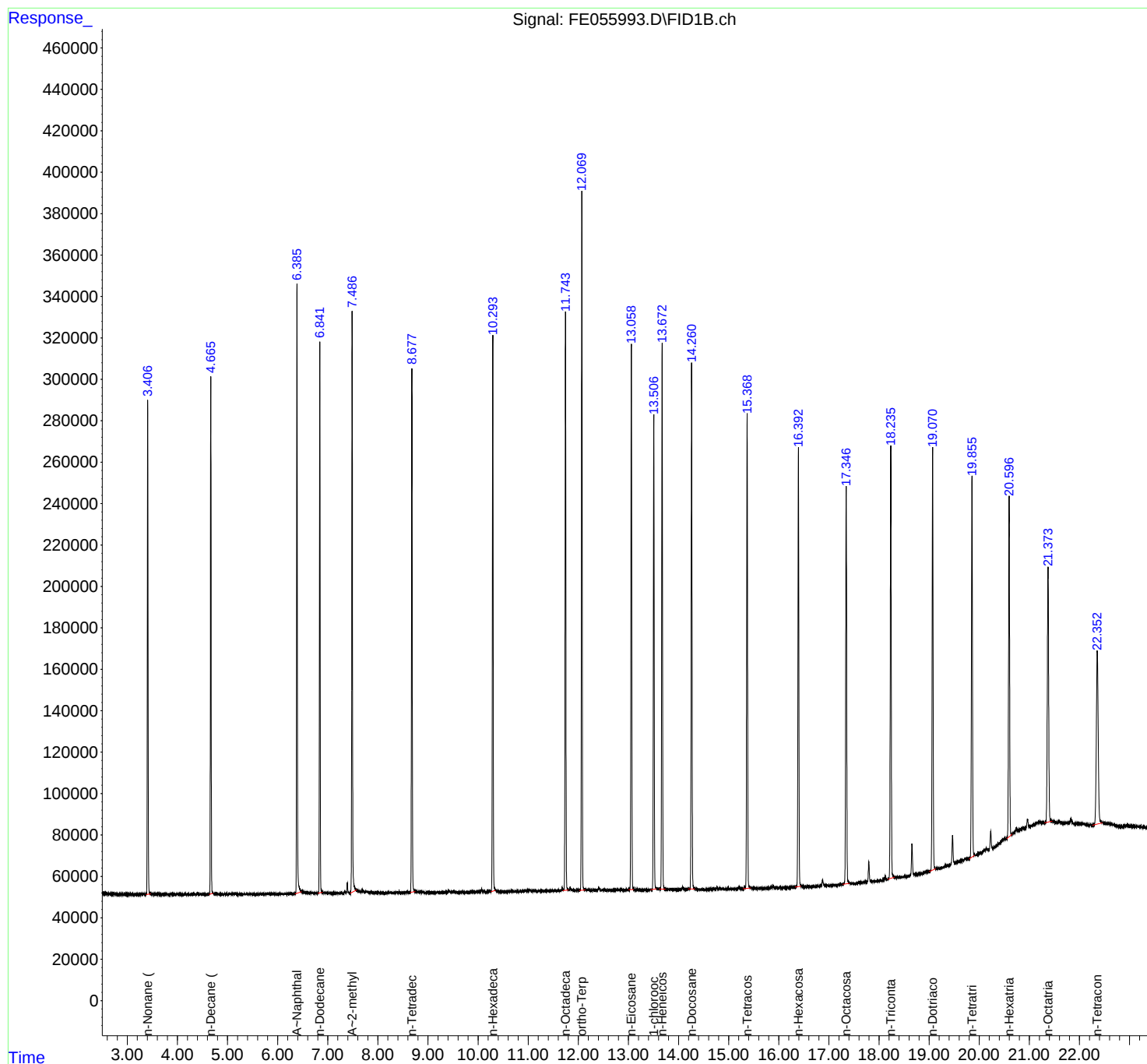
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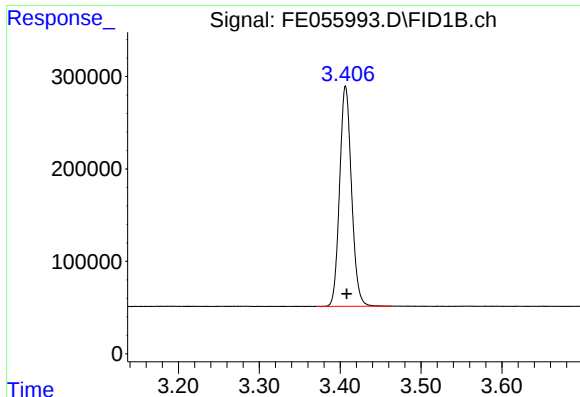
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
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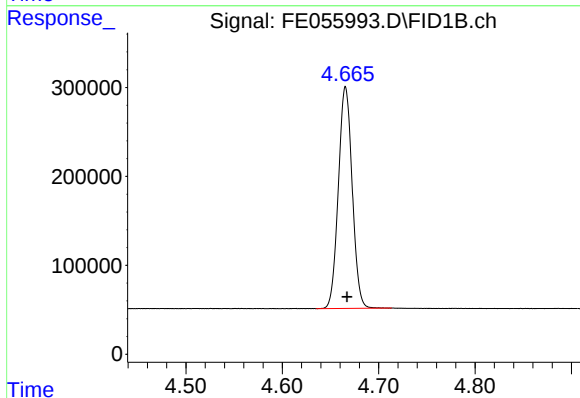




#1 n-Nonane (C9)

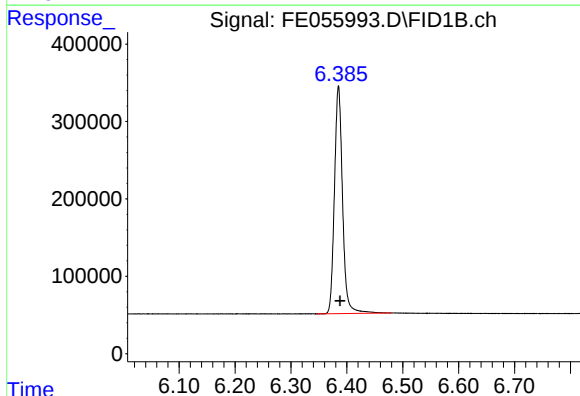
R.T.: 3.407 min
Delta R.T.: -0.001 min
Response: 2435710
Conc: 17.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



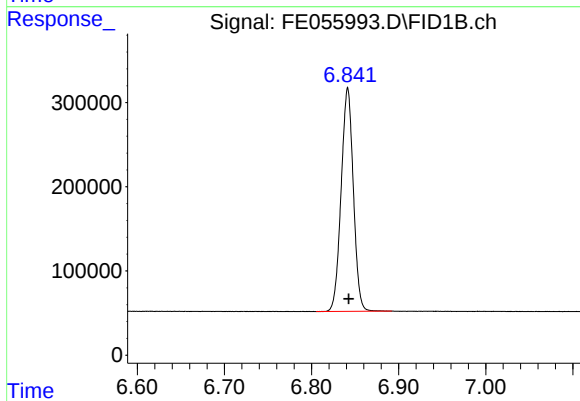
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.002 min
Response: 2485690
Conc: 17.81 ug/ml



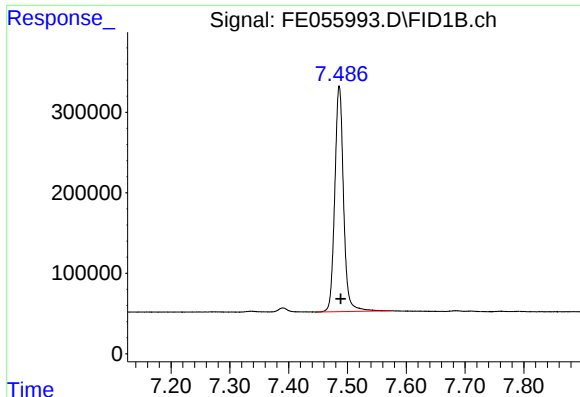
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 2961048
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

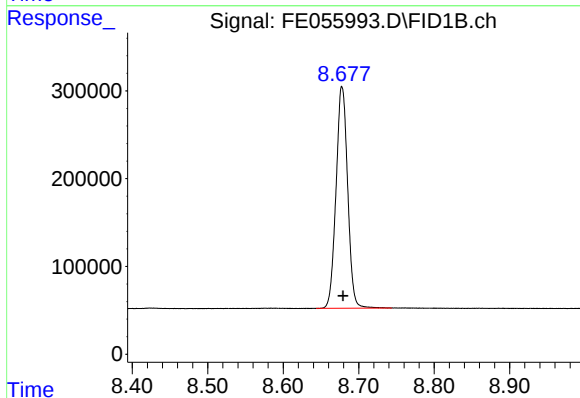
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 2580039
Conc: 17.98 ug/ml



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

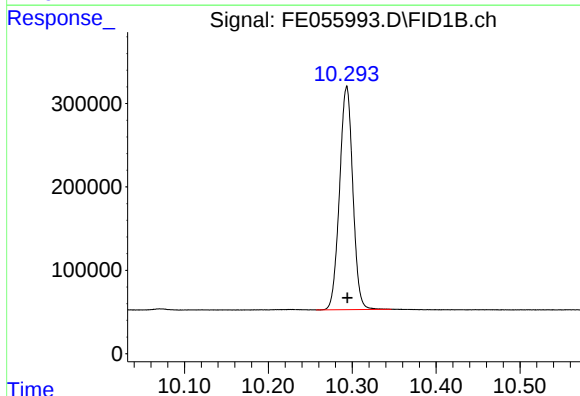
R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 2904677
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



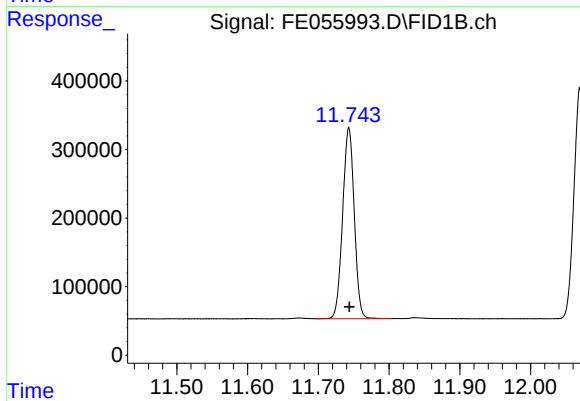
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 2704745
Conc: 18.29 ug/ml



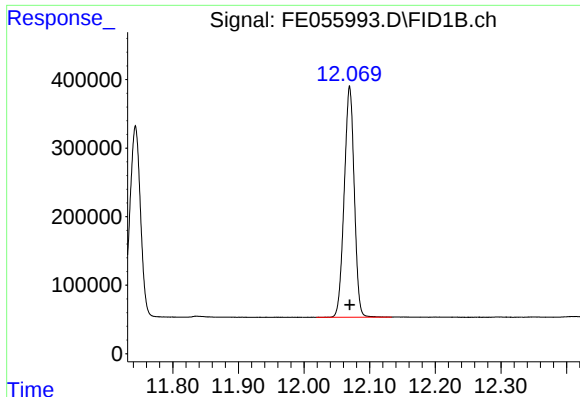
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 2945169
Conc: 18.53 ug/ml



#8 n-Octadecane (C18)

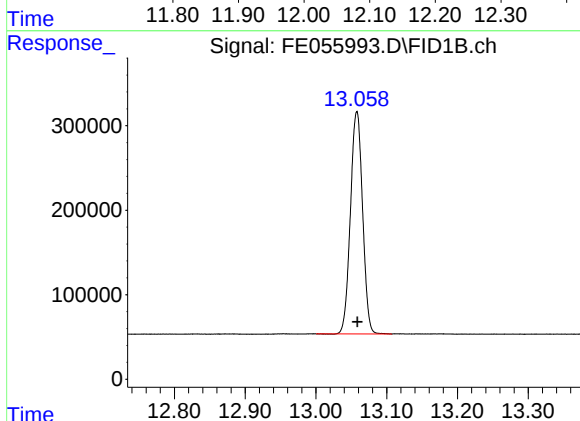
R.T.: 11.743 min
Delta R.T.: 0.000 min
Response: 3174742
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

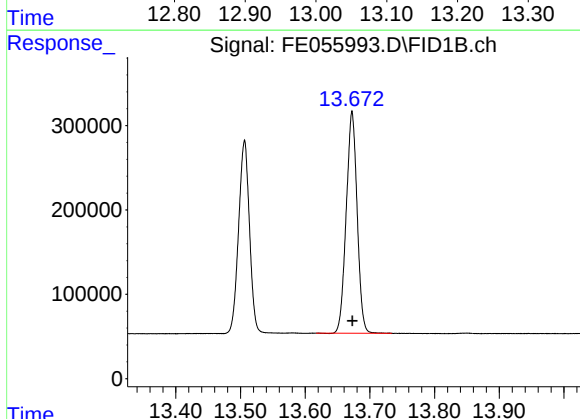
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 3582415
Conc: 19.09 ug/ml

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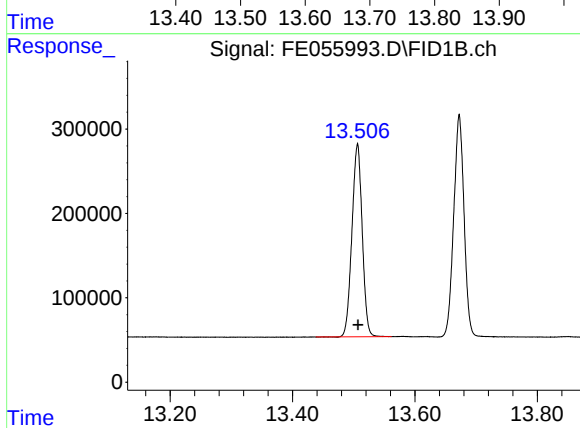
#10 n-Eicosane (C20)

R.T.: 13.058 min
Delta R.T.: -0.001 min
Response: 3140468
Conc: 18.95 ug/ml



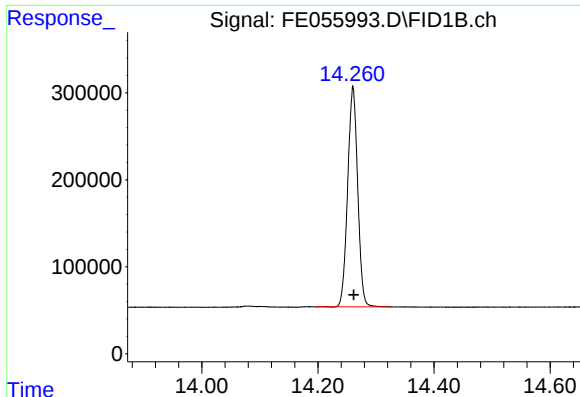
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 3084914
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

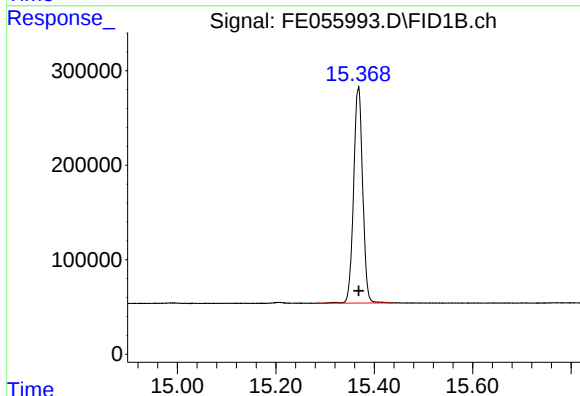
R.T.: 13.506 min
Delta R.T.: -0.001 min
Response: 2665435
Conc: 19.10 ug/ml



#13 n-Docosane (C22)

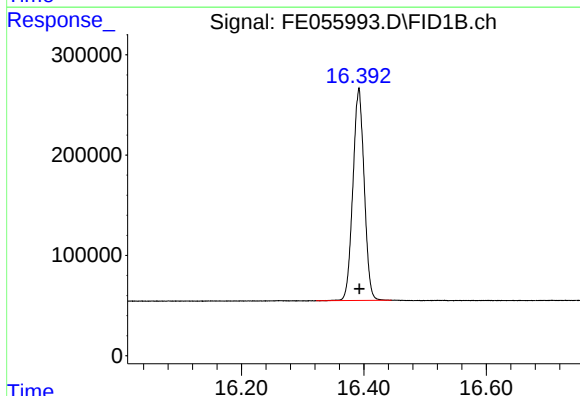
R.T.: 14.260 min
Delta R.T.: -0.001 min
Response: 3033295
Conc: 18.98 ug/ml

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20 PPM ALIPHATIC HC STD



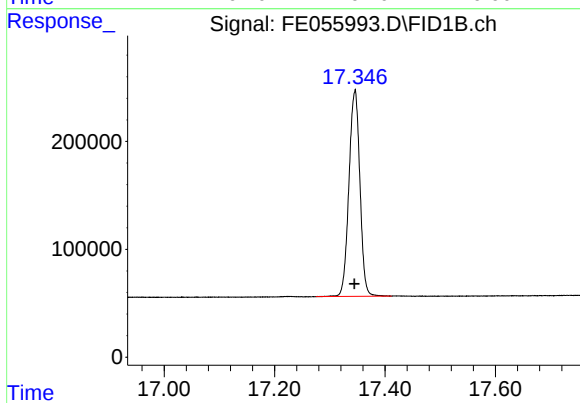
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: 0.000 min
Response: 2919823
Conc: 19.16 ug/ml



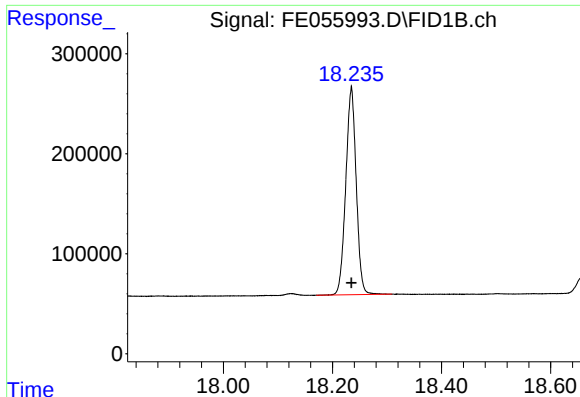
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: -0.001 min
Response: 2711333
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

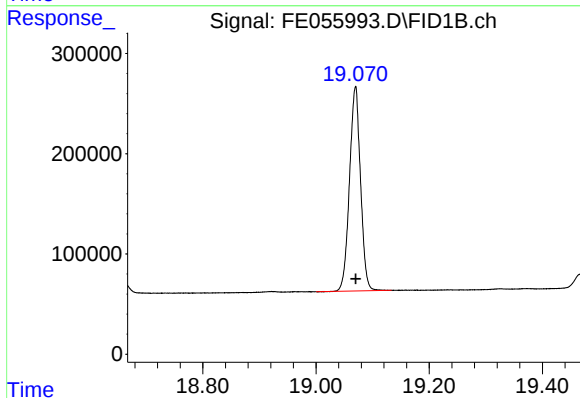
R.T.: 17.345 min
Delta R.T.: 0.000 min
Response: 2630115
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

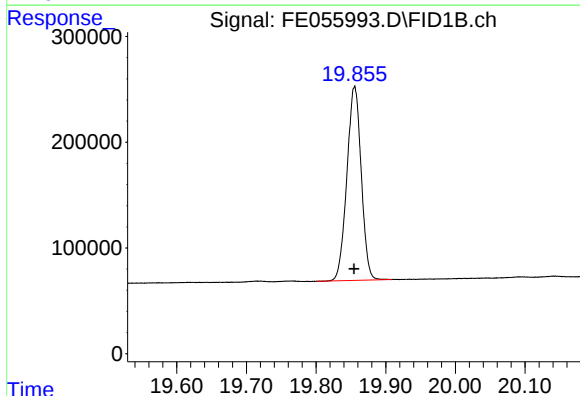
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2757497
Conc: 18.61 ug/ml

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20 PPM ALIPHATIC HC STD



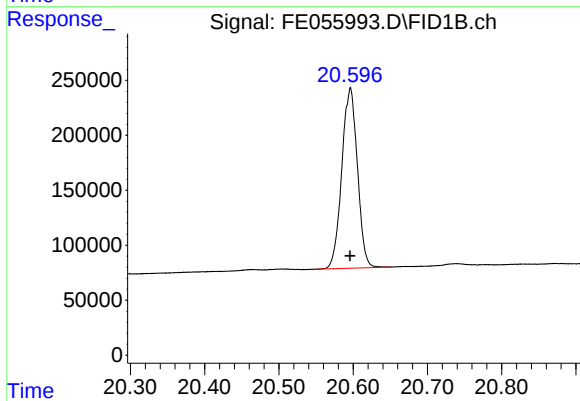
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 2755554
Conc: 18.47 ug/ml



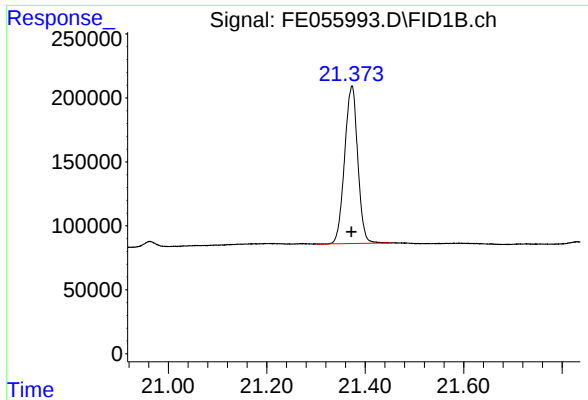
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 2622789
Conc: 18.54 ug/ml



#20 n-Hexatriacontane (C36)

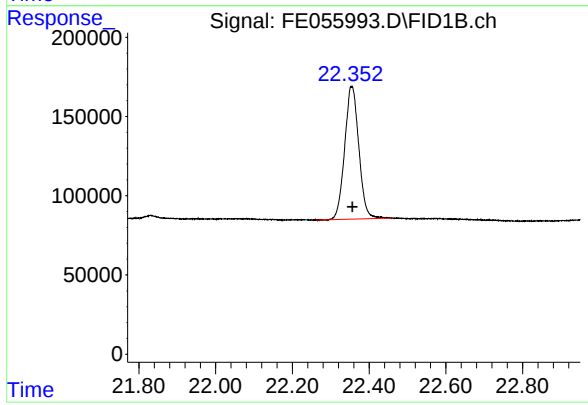
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2397019
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.001 min
Response: 2278408
Conc: 17.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.002 min
Response: 2143467
Conc: 18.02 ug/ml