

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054286.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 14:47
 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: Jun 11 02:36:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.832	3220031	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	13.276	2388072	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.179	2415381	19.451 ug/ml
2) T n-Decane (C10)	4.442	2429424	19.552 ug/ml
3) T A~Naphthalene (C11.7)	6.158	2611330	19.323 ug/ml
4) T n-Dodecane (C12)	6.624	2485589	19.520 ug/ml
5) T A~2-methylnaphthalene...	7.260	2645493	19.973 ug/ml
6) T n-Tetradecane (C14)	8.459	2509848	19.386 ug/ml
7) T n-Hexadecane (C16)	10.071	2581385	19.432 ug/ml
8) T n-Octadecane (C18)	11.518	2628334	19.464 ug/ml
10) T n-Eicosane (C20)	12.832	2603051	19.458 ug/ml
11) T n-Heneicosane (C21)	13.444	2587598	19.460 ug/ml
13) T n-Docosane (C22)	14.032	2570196	19.602 ug/ml
14) T n-Tetracosane (C24)	15.137	2533054	19.637 ug/ml
15) T n-Hexacosane (C26)	16.161	2471716	19.690 ug/ml
16) T n-Octacosane (C28)	17.112	2419299	19.728 ug/ml
17) T n-Tricontane (C30)	18.002	2459993	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.835	2496767	19.872 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2473240	19.880 ug/ml
20) T n-Hexatriacontane (C36)	20.363	2564378	19.920 ug/ml
21) T n-Octatriacontane (C38)	21.090	2609344	19.762 ug/ml
22) T n-Tetracontane (C40)	21.981	2642508	19.617 ug/ml

(f)=RT Delta > 1/2 Window

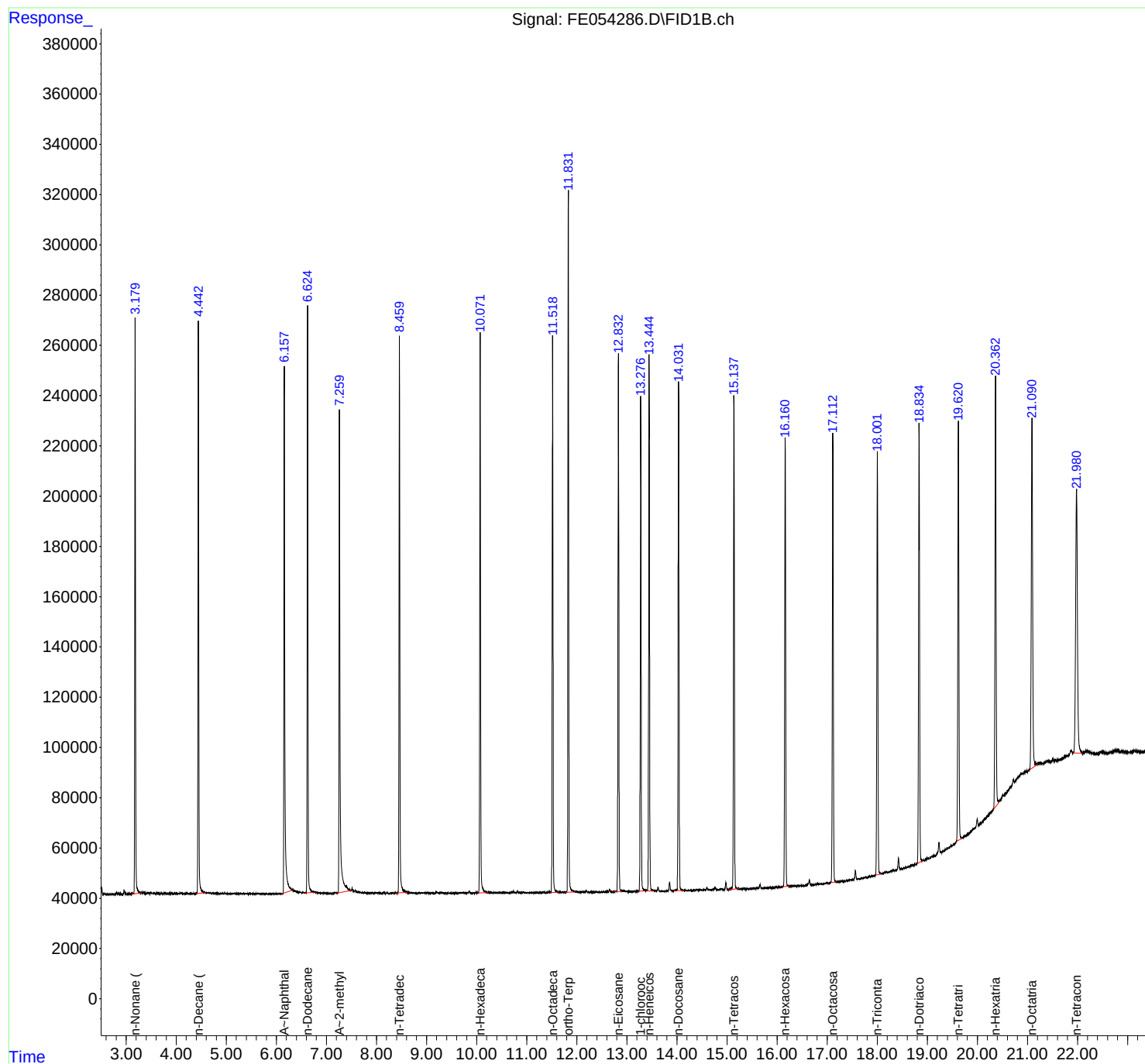
(m)=manual int.

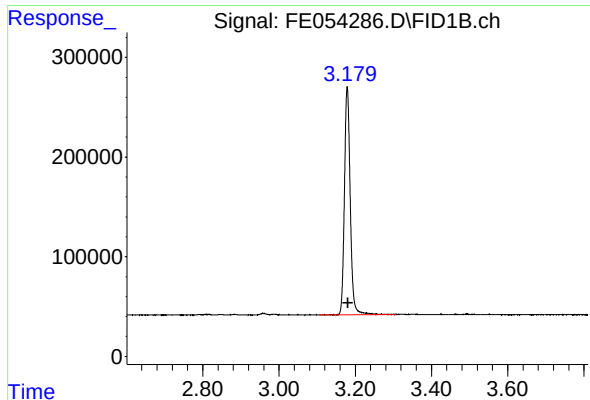
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
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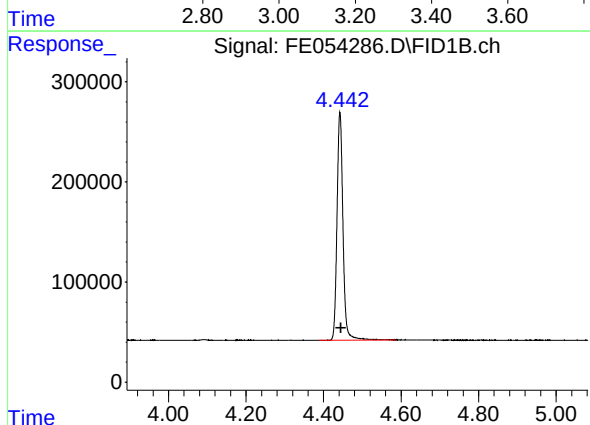




#1 n-Nonane (C9)

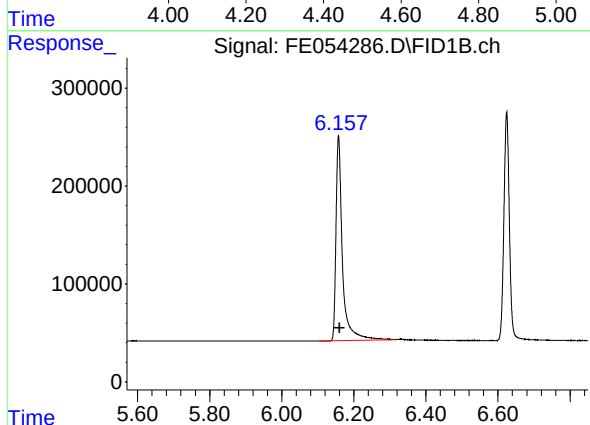
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 2415381
Conc: 19.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



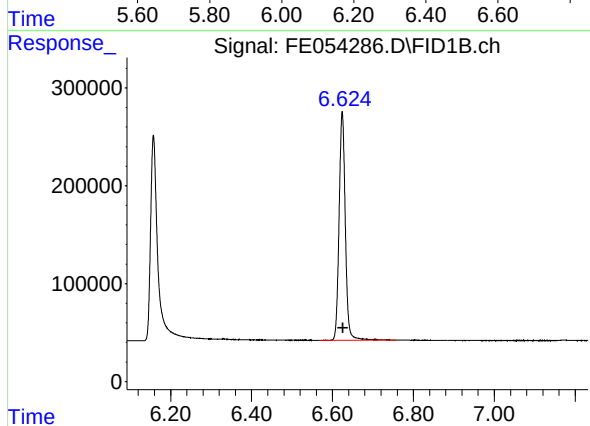
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 2429424
Conc: 19.55 ug/ml



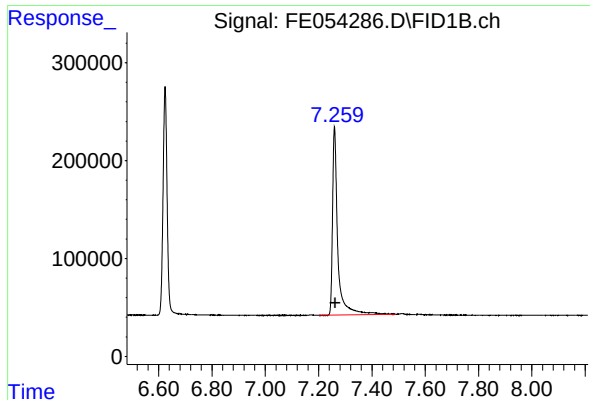
#3 A~Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 2611330
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

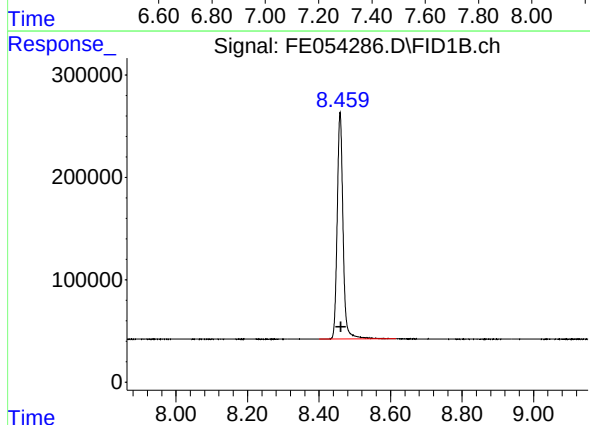
R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 2485589
Conc: 19.52 ug/ml



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

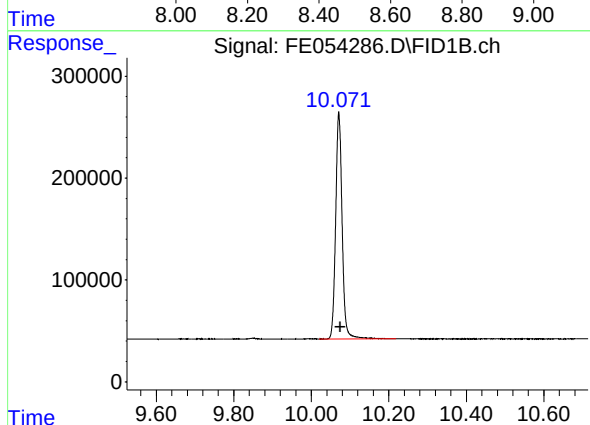
R.T.: 7.260 min
Delta R.T.: -0.003 min
Response: 2645493
Conc: 19.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



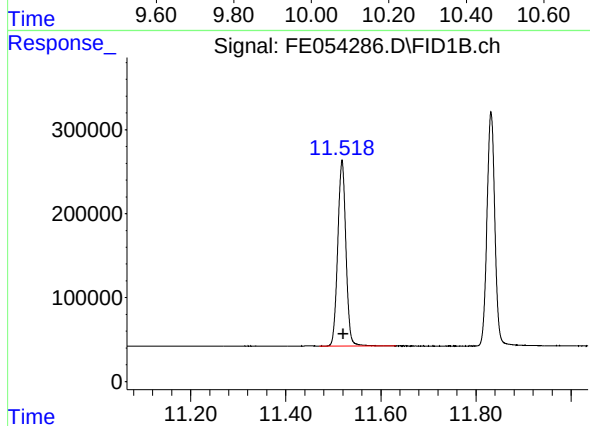
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 2509848
Conc: 19.39 ug/ml



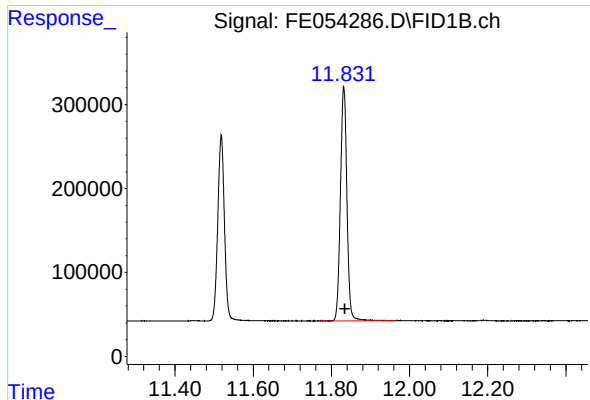
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.003 min
Response: 2581385
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

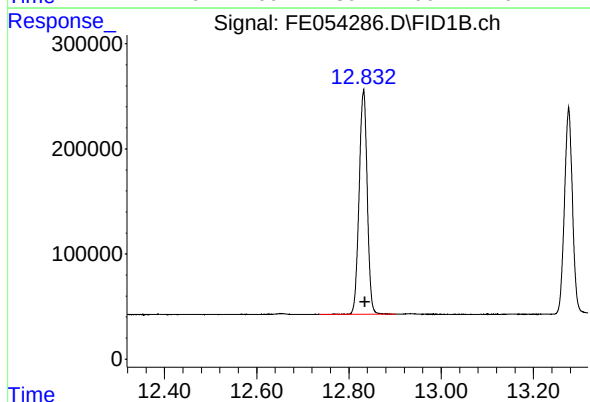
R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 2628334
Conc: 19.46 ug/ml



#9 ortho-Terphenyl (SURR)

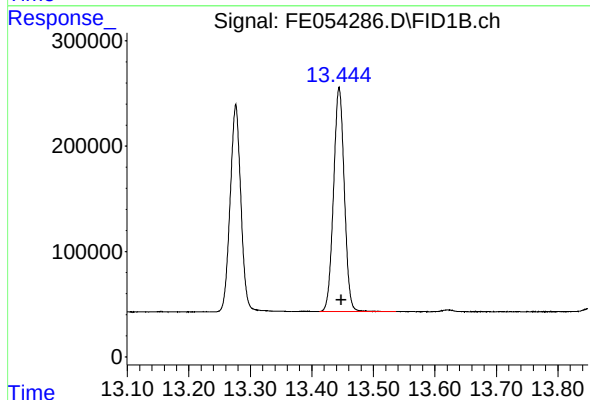
R.T.: 11.832 min
Delta R.T.: -0.003 min
Response: 3220031
Conc: 19.49 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



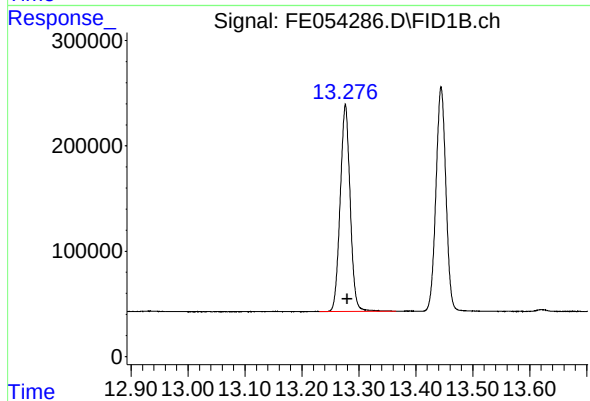
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.003 min
Response: 2603051
Conc: 19.46 ug/ml



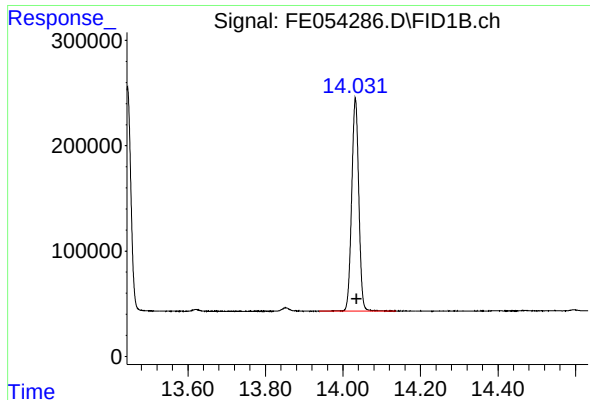
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.003 min
Response: 2587598
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

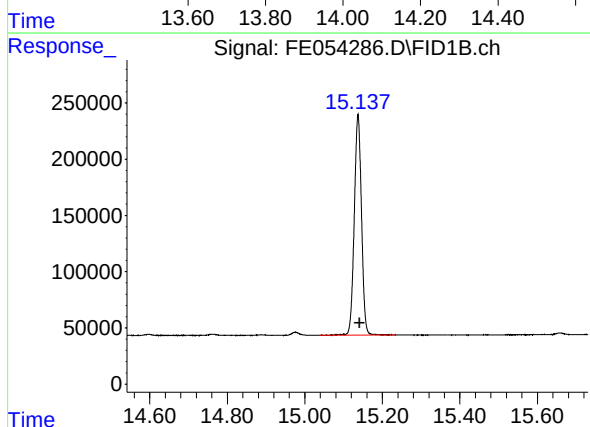
R.T.: 13.276 min
Delta R.T.: -0.003 min
Response: 2388072
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

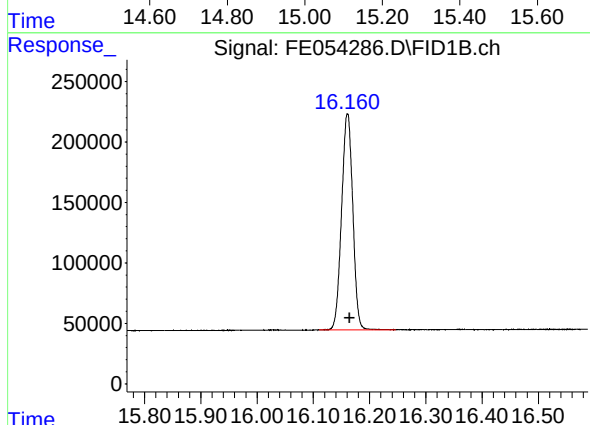
R.T.: 14.032 min
Delta R.T.: -0.003 min
Response: 2570196
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



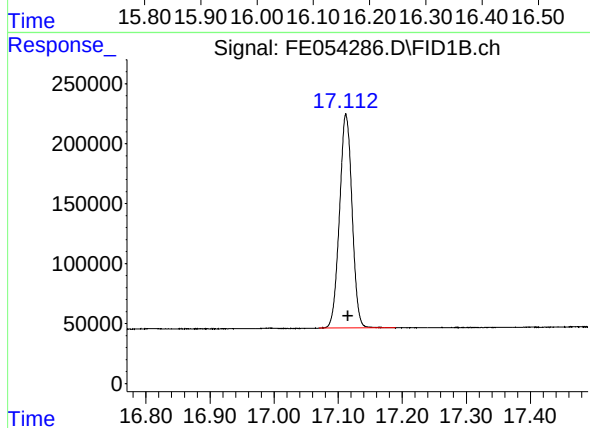
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.004 min
Response: 2533054
Conc: 19.64 ug/ml



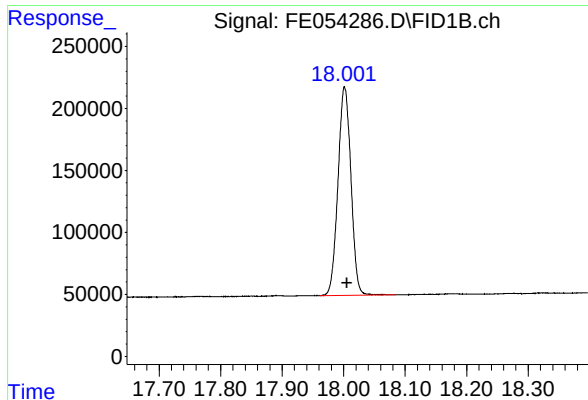
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 2471716
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

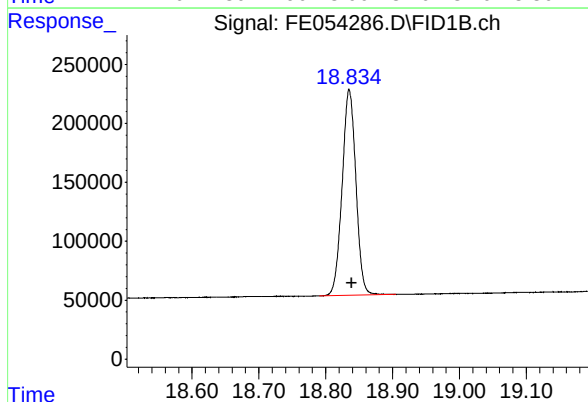
R.T.: 17.112 min
Delta R.T.: -0.003 min
Response: 2419299
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

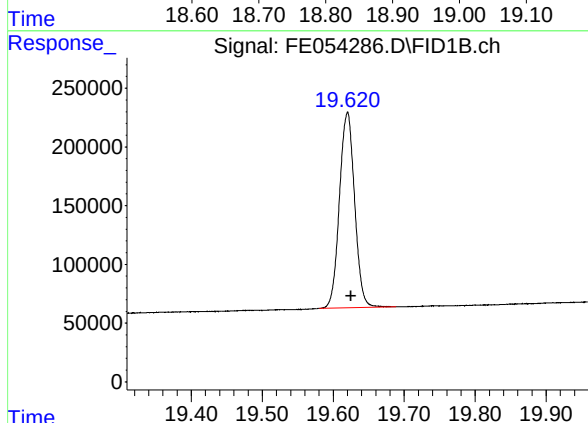
R.T.: 18.002 min
Delta R.T.: -0.004 min
Response: 2459993
Conc: 19.85 ug/ml

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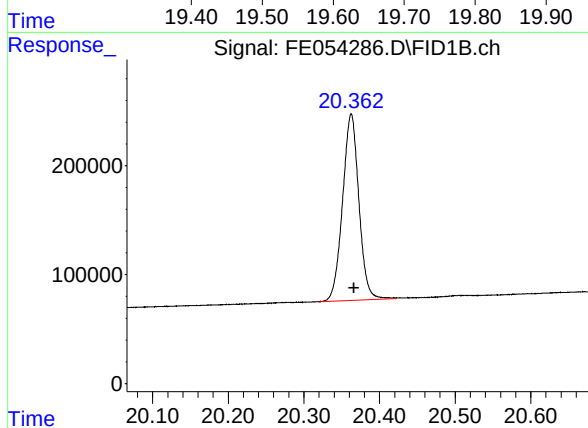
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.004 min
Response: 2496767
Conc: 19.87 ug/ml



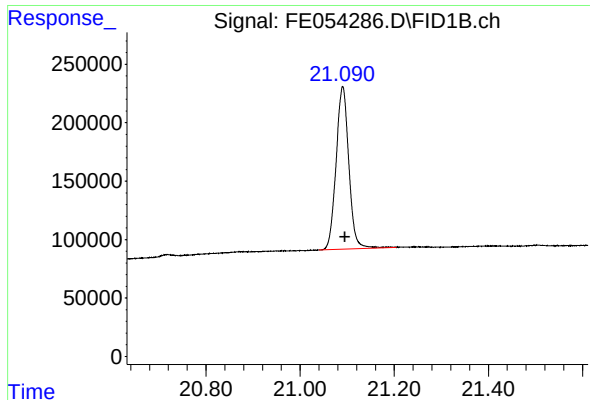
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.005 min
Response: 2473240
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

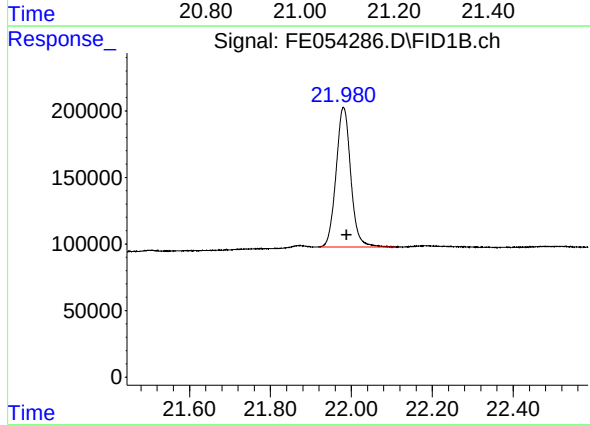
R.T.: 20.363 min
Delta R.T.: -0.004 min
Response: 2564378
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.005 min
Response: 2609344
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: -0.008 min
Response: 2642508
Conc: 19.62 ug/ml