

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056190.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2025 05:30
 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: Oct 04 06:33:05 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)	12.068	3727487	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	13.504	2786784	19.968 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.411	2323562	16.961 ug/ml
2) T n-Decane (C10)	4.669	2452595	17.573 ug/ml
3) T A~Naphthalene (C11.7)	6.387	3029598	18.975 ug/ml
4) T n-Dodecane (C12)	6.842	2656921	18.511 ug/ml
5) T A~2-methylnaphthalene...	7.487	3027757	19.469 ug/ml
6) T n-Tetradecane (C14)	8.678	2879207	19.474 ug/ml
7) T n-Hexadecane (C16)	10.292	3213646	20.223 ug/ml
8) T n-Octadecane (C18)	11.741	3435367	20.282 ug/ml
10) T n-Eicosane (C20)	13.056	3328380	20.079 ug/ml
11) T n-Heneicosane (C21)	13.670	3213143	19.774 ug/ml
13) T n-Docosane (C22)	14.258	3145967	19.688 ug/ml
14) T n-Tetracosane (C24)	15.364	3019724	19.817 ug/ml
15) T n-Hexacosane (C26)	16.387	2821457	19.781 ug/ml
16) T n-Octacosane (C28)	17.340	2776112	19.928 ug/ml
17) T n-Tricontane (C30)	18.229	2958566	19.966 ug/ml
18) T n-Dotriacontane (C32)	19.063	3090378	20.713 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2932680	20.733 ug/ml
20) T n-Hexatriacontane (C36)	20.589	2653460	20.670 ug/ml
21) T n-Octatriacontane (C38)	21.362	2433647	18.529 ug/ml
22) T n-Tetracontane (C40)	22.342	2261574	19.010 ug/ml

(f)=RT Delta > 1/2 Window

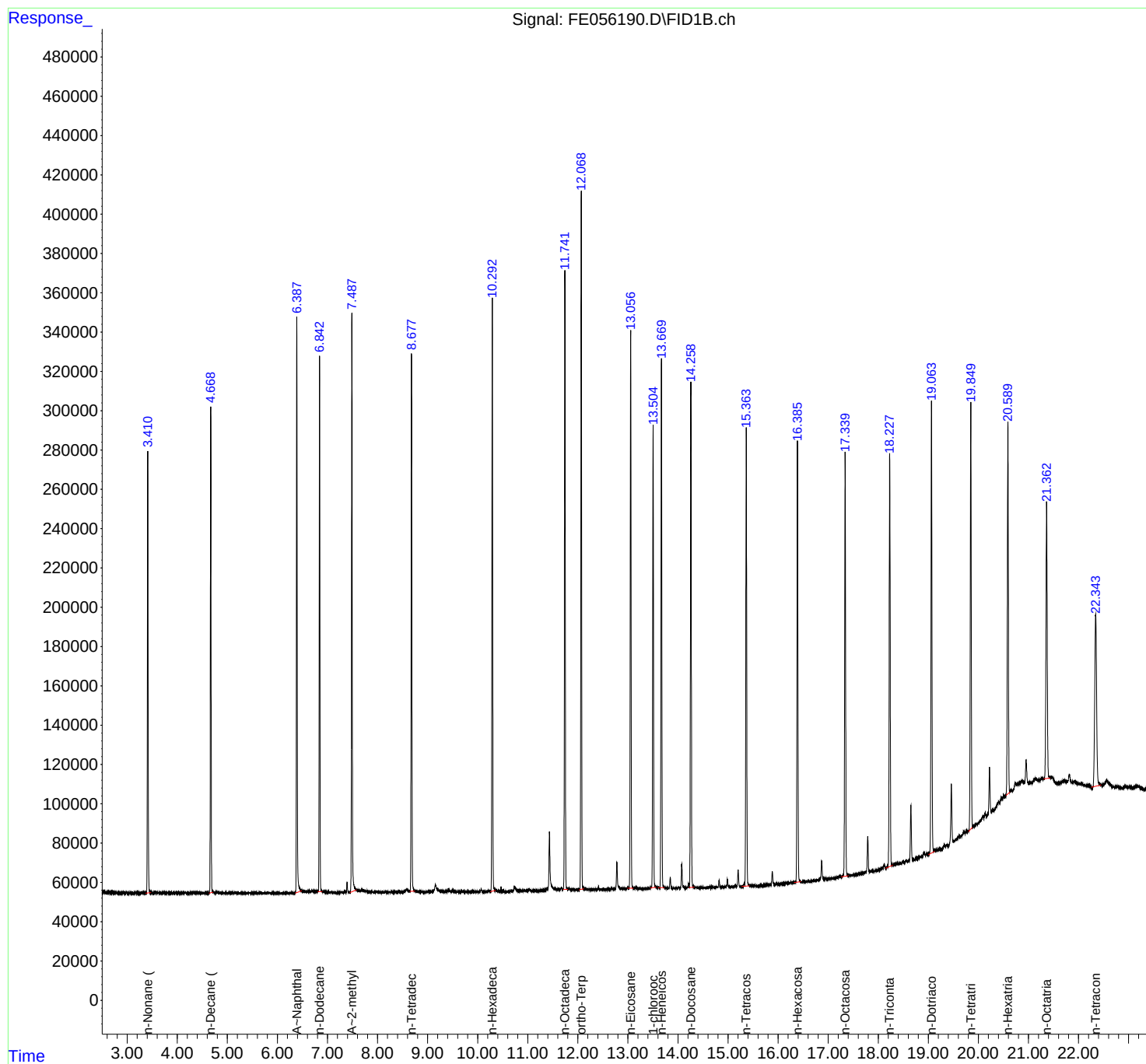
(m)=manual int.

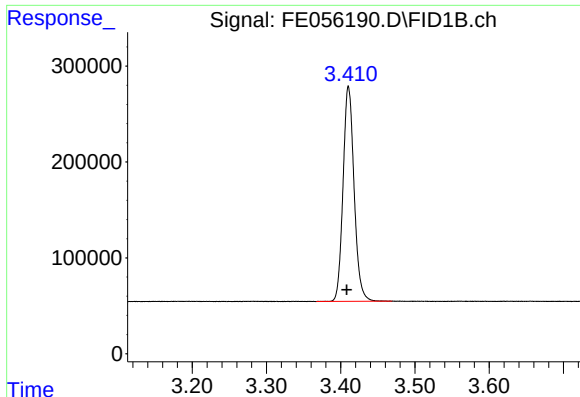
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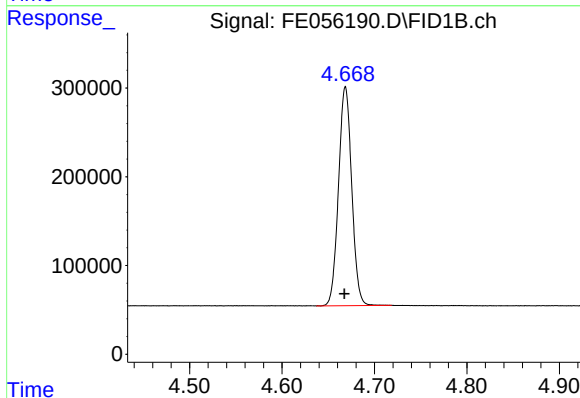




#1 n-Nonane (C9)

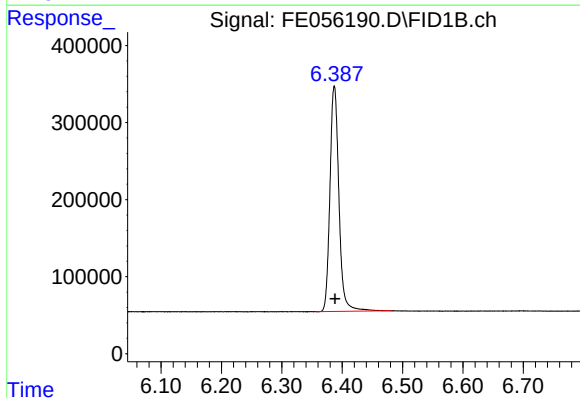
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2323562
Conc: 16.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



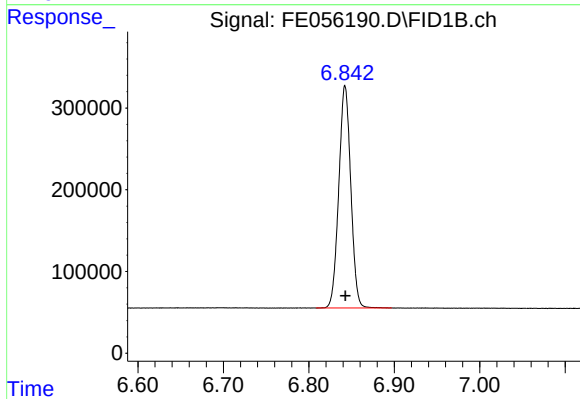
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.001 min
Response: 2452595
Conc: 17.57 ug/ml



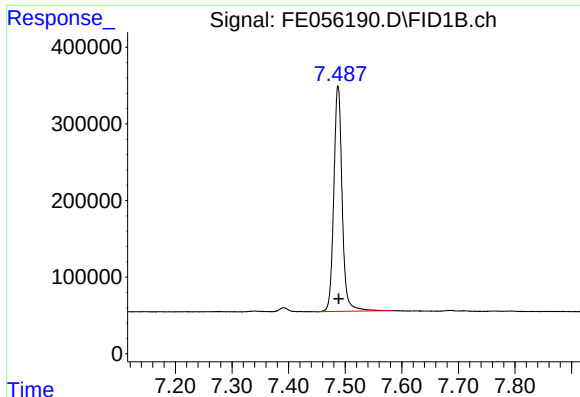
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.001 min
Response: 3029598
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

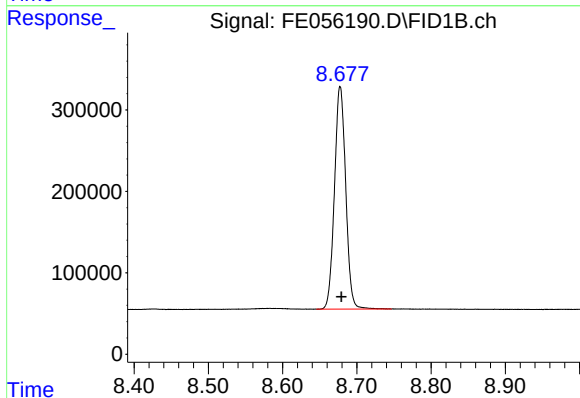
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 2656921
Conc: 18.51 ug/ml



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

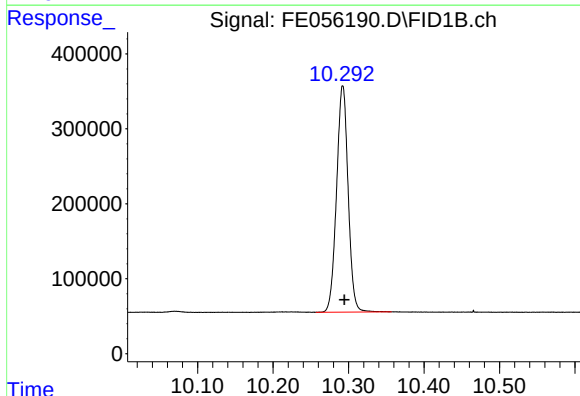
R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 3027757
Conc: 19.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



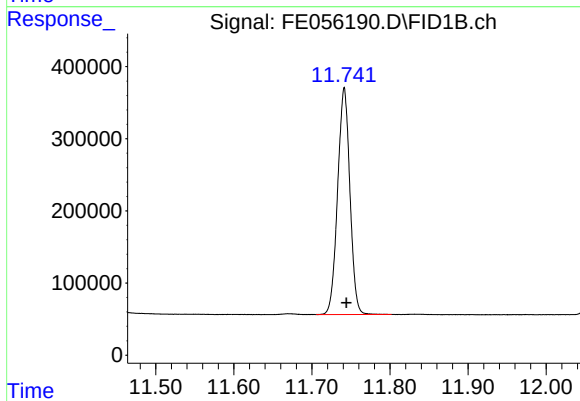
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 2879207
Conc: 19.47 ug/ml



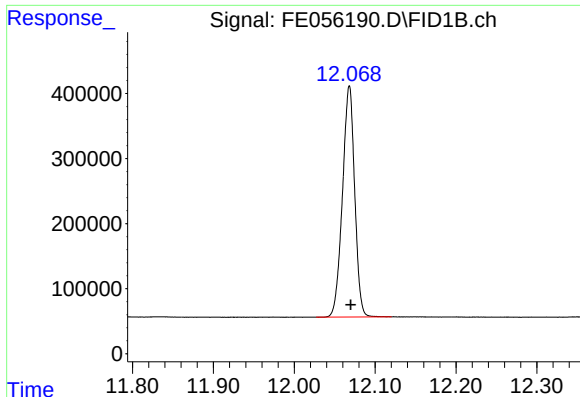
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 3213646
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

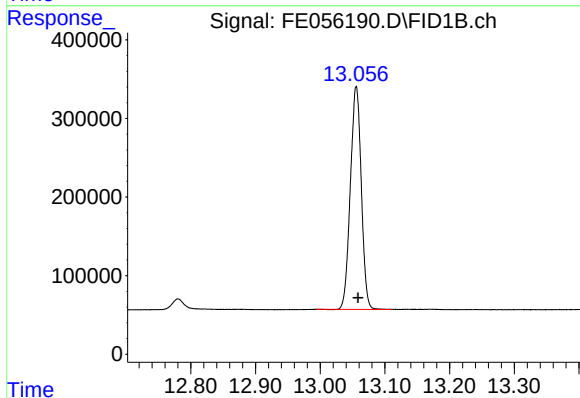
R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 3435367
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

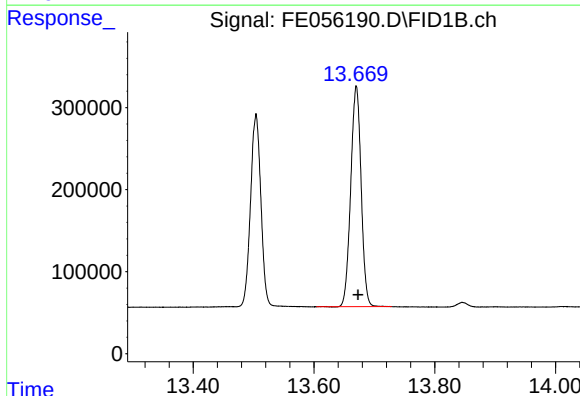
R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 3727487
Conc: 19.86 ug/ml

Instrument :
FID_E
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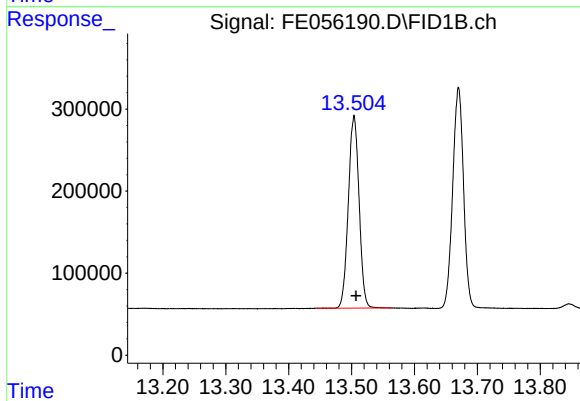
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 3328380
Conc: 20.08 ug/ml



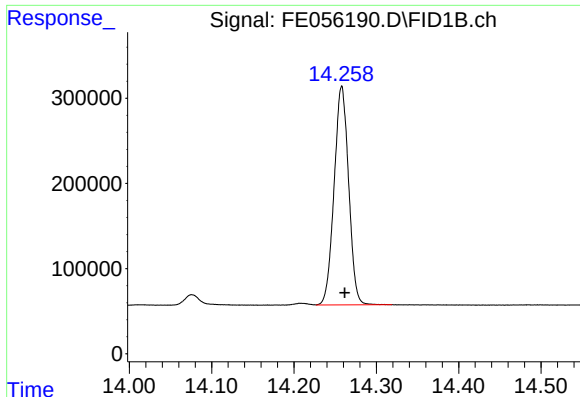
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 3213143
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

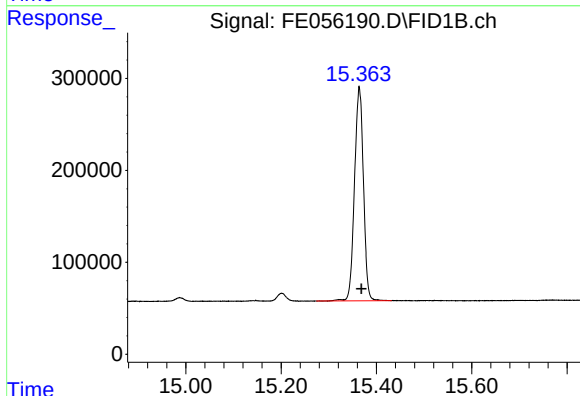
R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 2786784
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

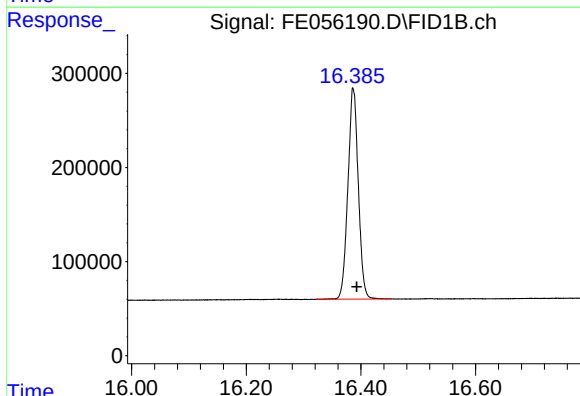
R.T.: 14.258 min
Delta R.T.: -0.004 min
Response: 3145967
Conc: 19.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



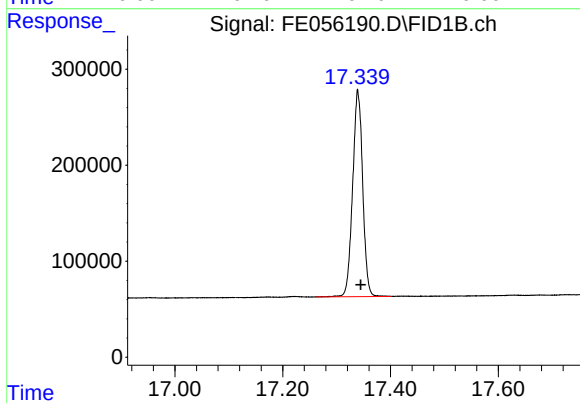
#14 n-Tetracosane (C24)

R.T.: 15.364 min
Delta R.T.: -0.005 min
Response: 3019724
Conc: 19.82 ug/ml



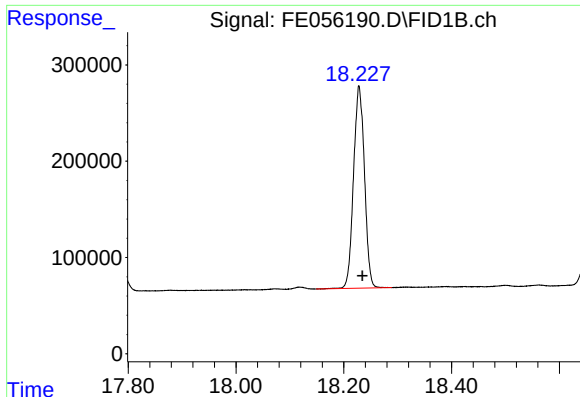
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: -0.006 min
Response: 2821457
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

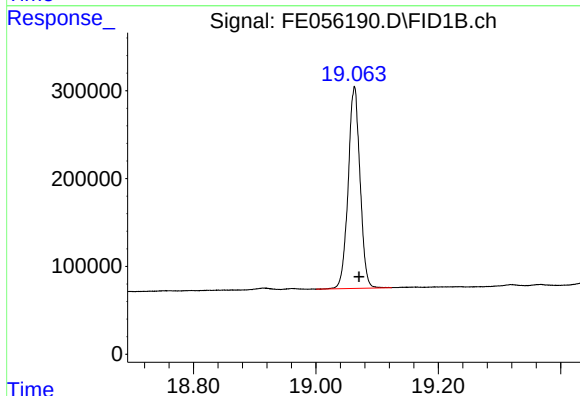
R.T.: 17.340 min
Delta R.T.: -0.005 min
Response: 2776112
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

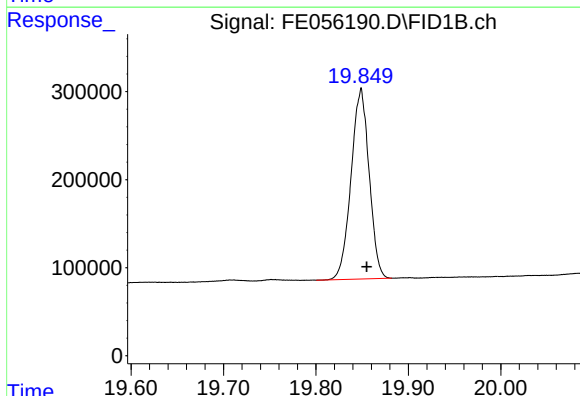
R.T.: 18.229 min
Delta R.T.: -0.006 min
Response: 2958566
Conc: 19.97 ug/ml

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20 PPM ALIPHATIC HC STD



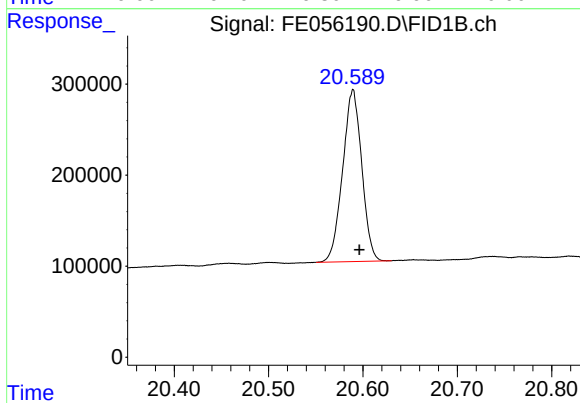
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: -0.008 min
Response: 3090378
Conc: 20.71 ug/ml



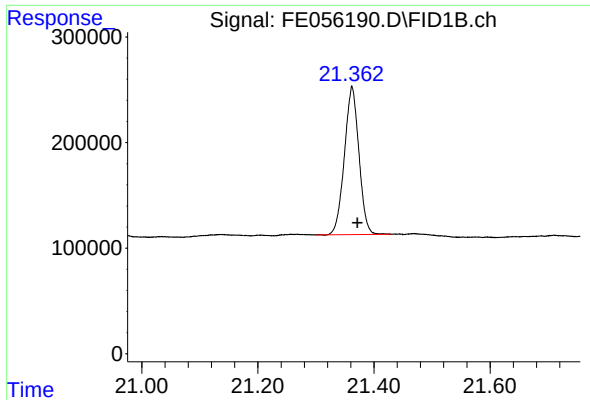
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 2932680
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

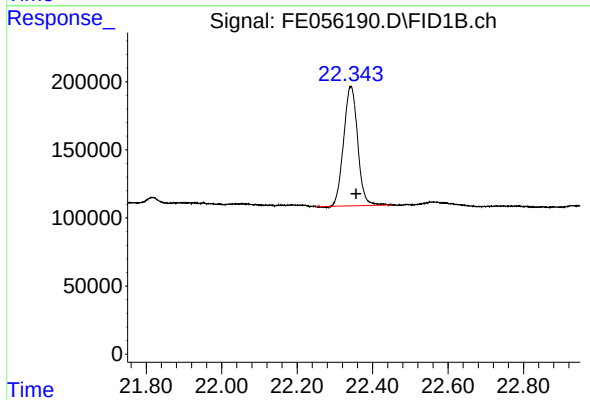
R.T.: 20.589 min
Delta R.T.: -0.007 min
Response: 2653460
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.009 min
Response: 2433647
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.014 min
Response: 2261574
Conc: 19.01 ug/ml