

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111824AL\
 Data File : FE051334.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2024 04:25
 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: Nov 19 05:03:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.847	3102089	20.667 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
12) S 1-chlorooctadecane (S...	13.280	2357034	20.761 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
Target Compounds			
1) T n-Nonane (C9)	3.235	3184411	23.014 ug/ml
2) T n-Decane (C10)	4.485	3218648	22.961 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2955873	22.419 ug/ml
4) T n-Dodecane (C12)	6.653	3172338	22.467 ug/ml
5) T A~2-methylnaphthalene...	7.295	2722931	21.767 ug/ml
6) T n-Tetradecane (C14)	8.479	3035417	21.781 ug/ml
7) T n-Hexadecane (C16)	10.085	3026906	21.330 ug/ml
8) T n-Octadecane (C18)	11.526	3002564	21.026 ug/ml
10) T n-Eicosane (C20)	12.833	2854759	20.860 ug/ml
11) T n-Heneicosane (C21)	13.445	2780470	20.805 ug/ml
13) T n-Docosane (C22)	14.029	2807872	21.120 ug/ml
14) T n-Tetracosane (C24)	15.131	2904960	21.898 ug/ml
15) T n-Hexacosane (C26)	16.151	2937739	21.945 ug/ml
16) T n-Octacosane (C28)	17.099	3012113	22.094 ug/ml
17) T n-Tricontane (C30)	17.986	3143158	21.634 ug/ml
18) T n-Dotriacontane (C32)	18.817	3156443	21.258 ug/ml
19) T n-Tetratriacontane (C34)	19.601	2765111	20.579 ug/ml
20) T n-Hexatriacontane (C36)	20.340	2327102	19.503 ug/ml
21) T n-Octatriacontane (C38)	21.062	2031813	17.852 ug/ml
22) T n-Tetracontane (C40)	21.942	1711517	15.388 ug/ml

(f)=RT Delta > 1/2 Window

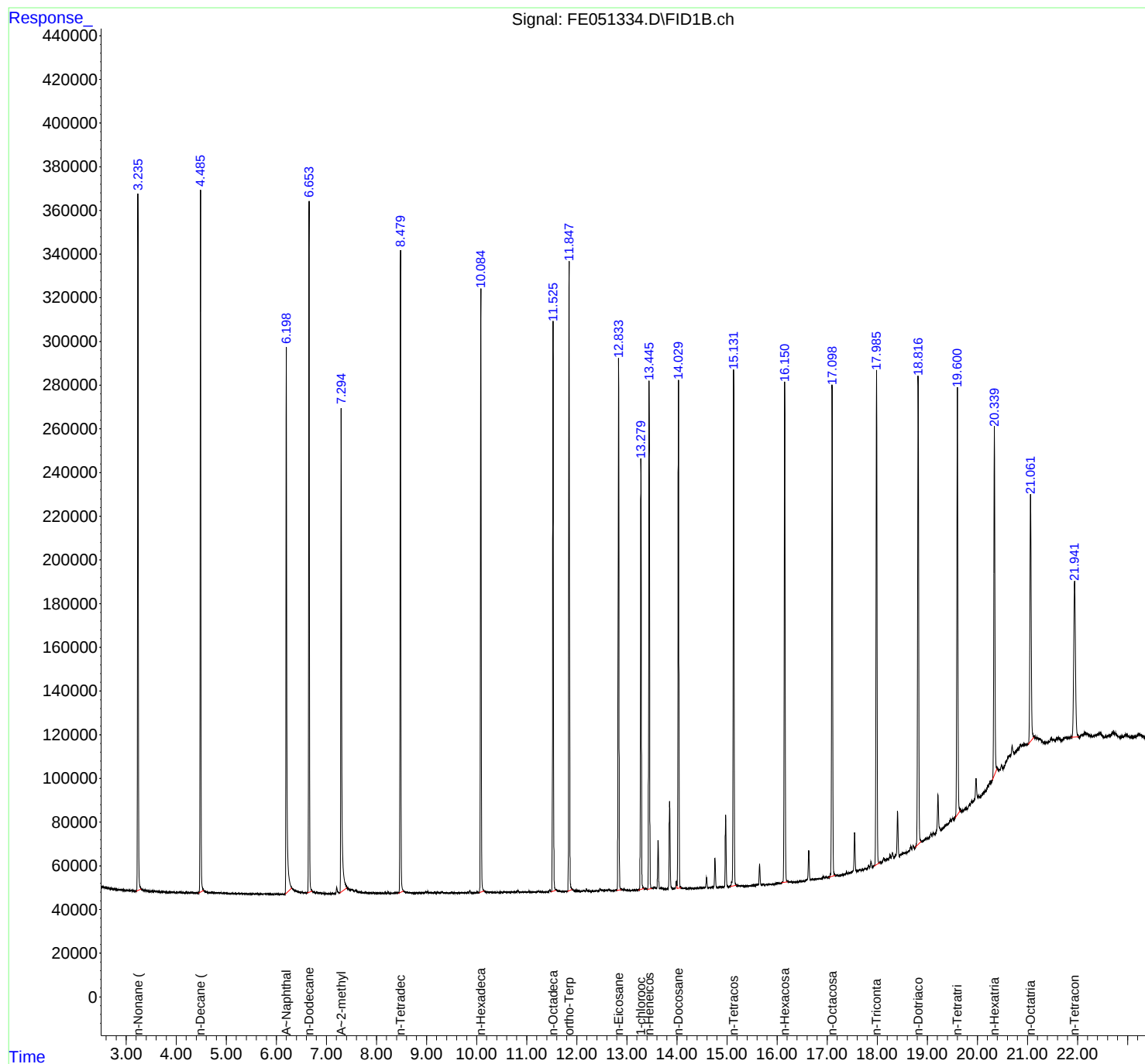
(m)=manual int.

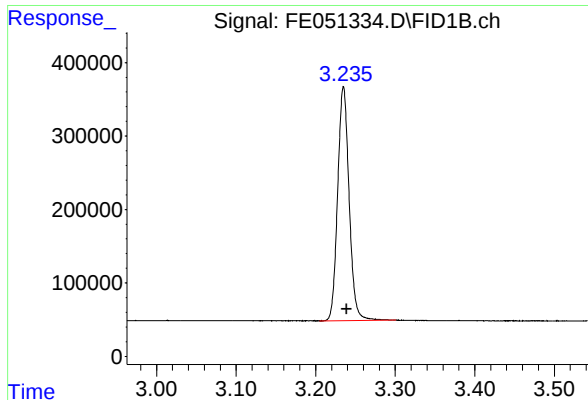
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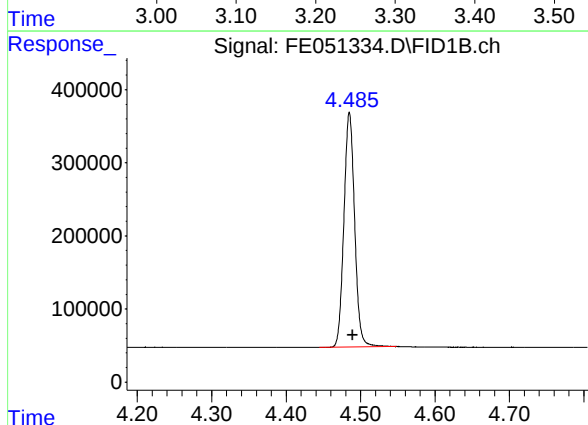




#1 n-Nonane (C9)

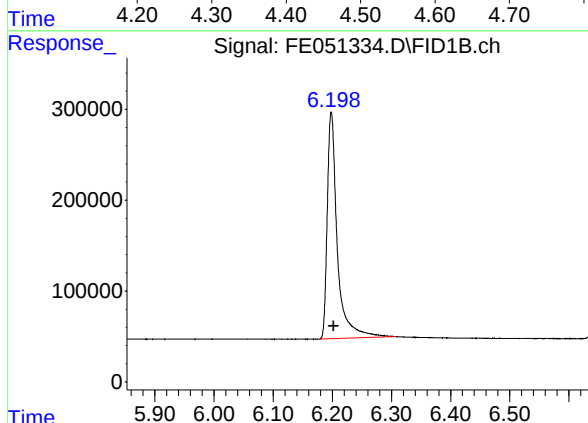
R.T.: 3.235 min
Delta R.T.: -0.004 min
Response: 3184411
Conc: 23.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



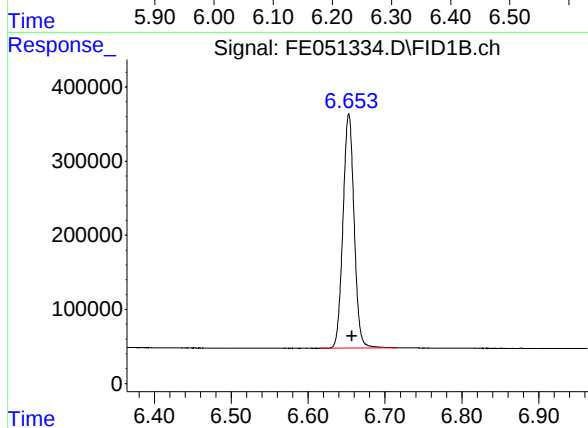
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 3218648
Conc: 22.96 ug/ml



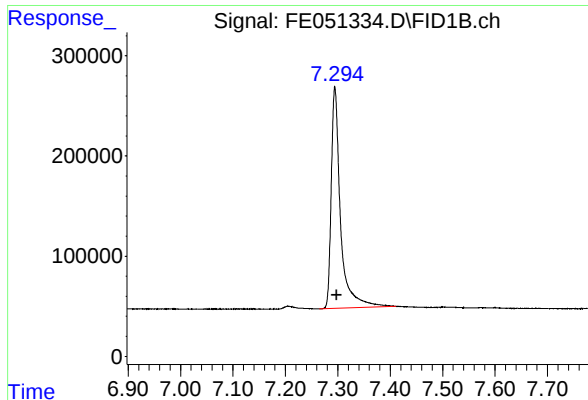
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 2955873
Conc: 22.42 ug/ml



#4 n-Dodecane (C12)

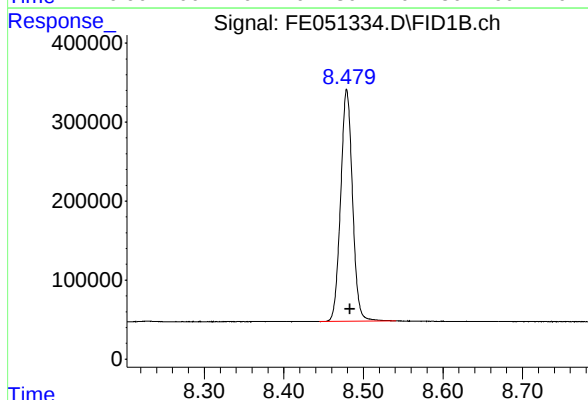
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 3172338
Conc: 22.47 ug/ml



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

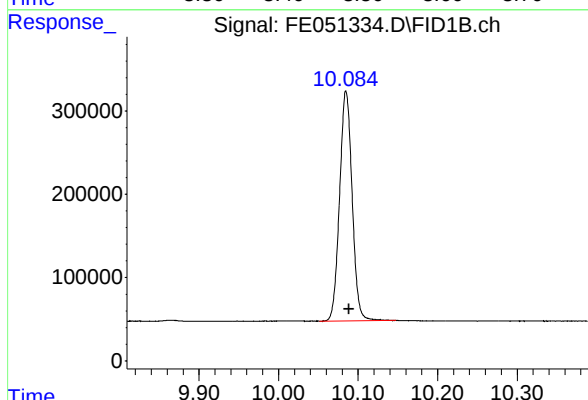
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2722931
Conc: 21.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



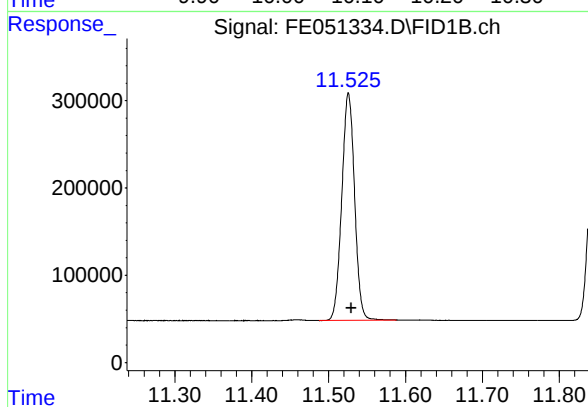
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 3035417
Conc: 21.78 ug/ml



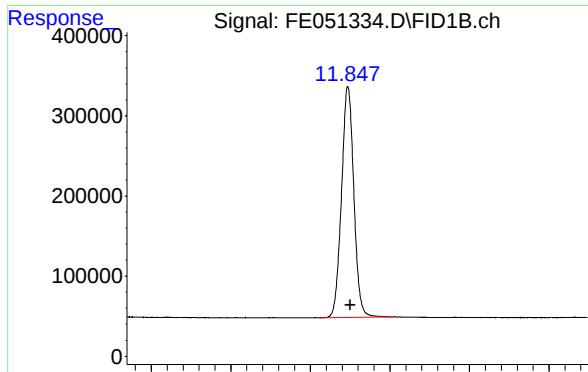
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 3026906
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

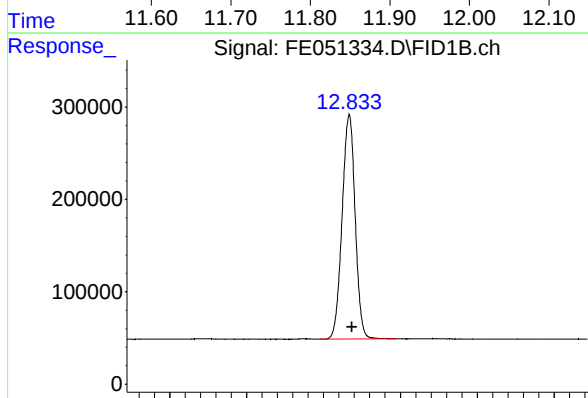
R.T.: 11.526 min
Delta R.T.: -0.004 min
Response: 3002564
Conc: 21.03 ug/ml



#9 ortho-Terphenyl (SURR)

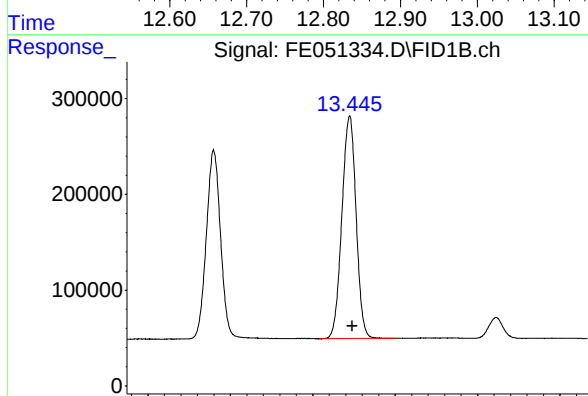
R.T.: 11.847 min
Delta R.T.: -0.003 min
Response: 3102089
Conc: 20.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



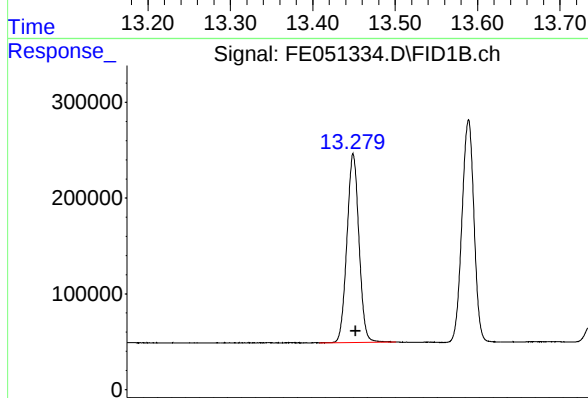
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 2854759
Conc: 20.86 ug/ml



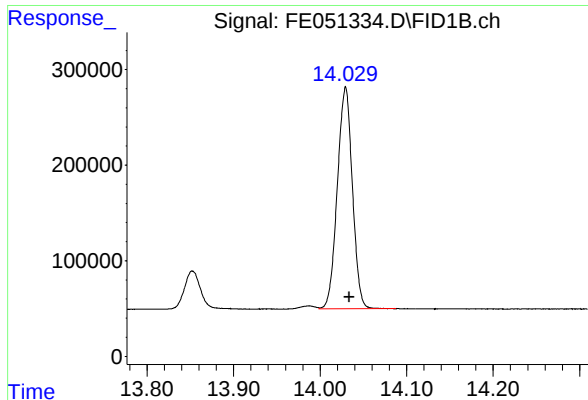
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.003 min
Response: 2780470
Conc: 20.81 ug/ml



#12 1-chlorooctadecane (SURR)

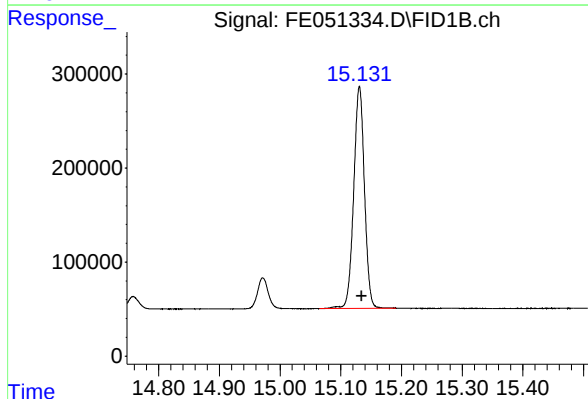
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2357034
Conc: 20.76 ug/ml



#13 n-Docosane (C22)

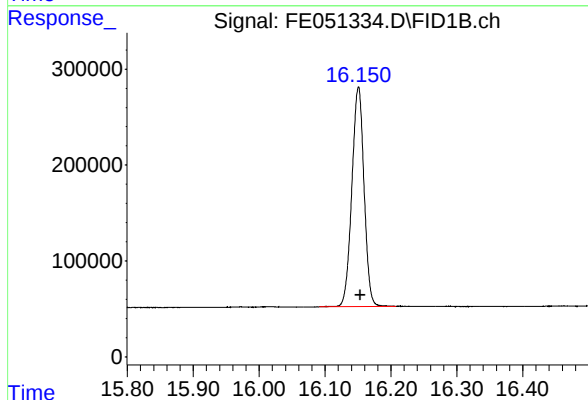
R.T.: 14.029 min
Delta R.T.: -0.004 min
Response: 2807872
Conc: 21.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



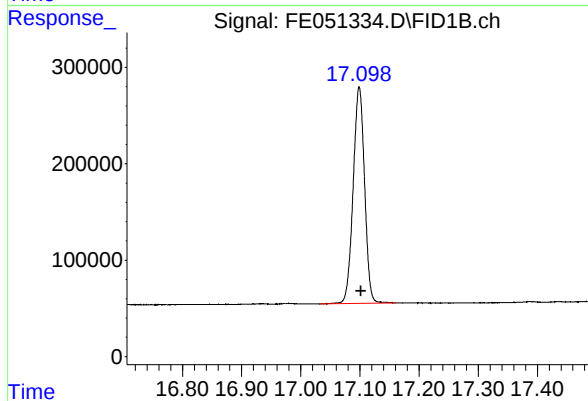
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.004 min
Response: 2904960
Conc: 21.90 ug/ml



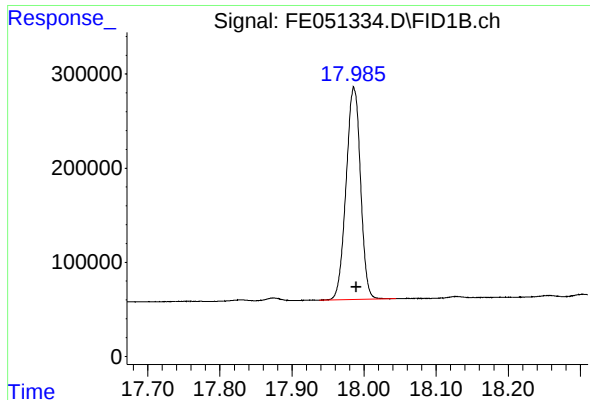
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.003 min
Response: 2937739
Conc: 21.94 ug/ml



#16 n-Octacosane (C28)

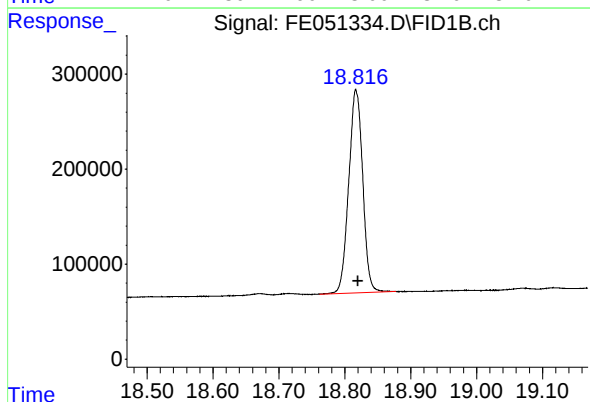
R.T.: 17.099 min
Delta R.T.: -0.003 min
Response: 3012113
Conc: 22.09 ug/ml



#17 n-Tricontane (C30)

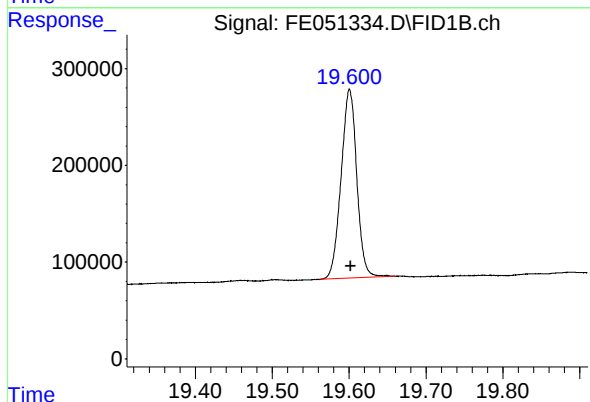
R.T.: 17.986 min
Delta R.T.: -0.003 min
Response: 3143158
Conc: 21.63 ug/ml

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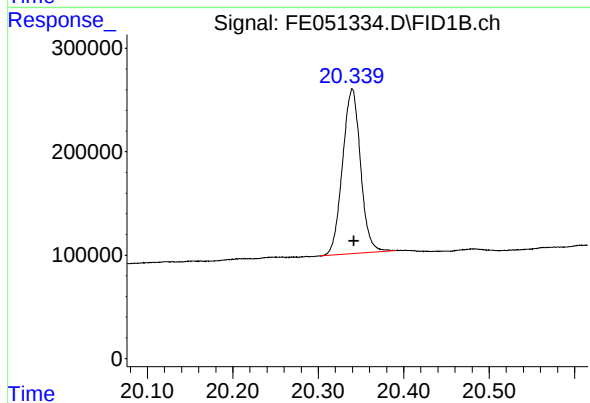
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: -0.003 min
Response: 3156443
Conc: 21.26 ug/ml



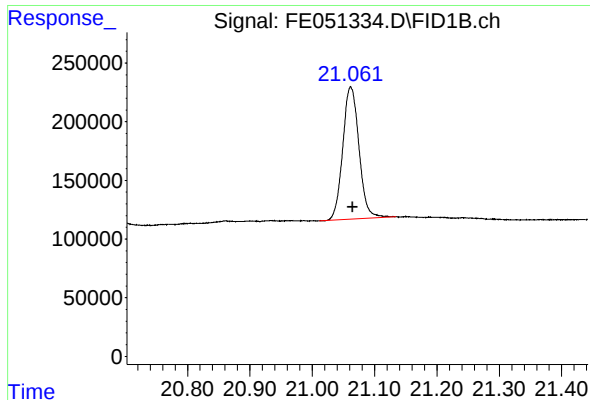
#19 n-Tetratriacontane (C34)

R.T.: 19.601 min
Delta R.T.: -0.002 min
Response: 2765111
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

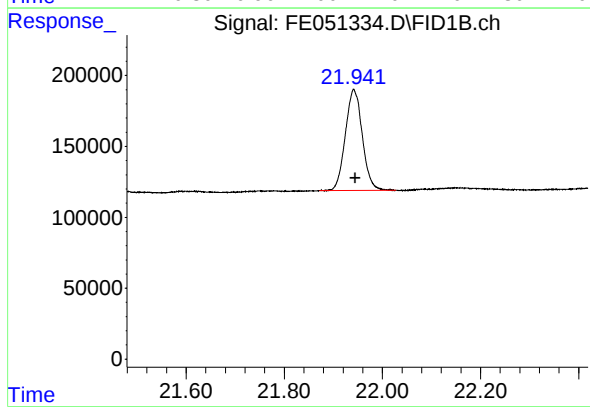
R.T.: 20.340 min
Delta R.T.: -0.002 min
Response: 2327102
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.003 min
Response: 2031813
Conc: 17.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.003 min
Response: 1711517
Conc: 15.39 ug/ml