

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110924AL\
 Data File : FE051124.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2024 17:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 09 00:43:17 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)	11.852	3194433	21.283 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
12) S 1-chlorooctadecane (S...	13.284	2420135	21.317 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	3.239	3233800	23.371 ug/ml
2) T n-Decane (C10)	4.489	3284823	23.433 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3028918	22.973 ug/ml
4) T n-Dodecane (C12)	6.657	3230933	22.882 ug/ml
5) T A~2-methylnaphthalene...	7.298	2795962	22.351 ug/ml
6) T n-Tetradecane (C14)	8.484	3106799	22.293 ug/ml
7) T n-Hexadecane (C16)	10.089	3114177	21.945 ug/ml
8) T n-Octadecane (C18)	11.531	3073452	21.522 ug/ml
10) T n-Eicosane (C20)	12.838	2913103	21.286 ug/ml
11) T n-Heneicosane (C21)	13.449	2846707	21.301 ug/ml
13) T n-Docosane (C22)	14.035	2831012	21.294 ug/ml
14) T n-Tetracosane (C24)	15.136	2838426	21.397 ug/ml
15) T n-Hexacosane (C26)	16.156	2869465	21.435 ug/ml
16) T n-Octacosane (C28)	17.105	2902293	21.289 ug/ml
17) T n-Tricontane (C30)	17.991	3015882	20.758 ug/ml
18) T n-Dotriacontane (C32)	18.824	3025166	20.374 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2737067	20.370 ug/ml
20) T n-Hexatriacontane (C36)	20.345	2410932	20.206 ug/ml
21) T n-Octatriacontane (C38)	21.069	2132048	18.732 ug/ml
22) T n-Tetracontane (C40)	21.951	1823146	16.392 ug/ml

(f)=RT Delta > 1/2 Window

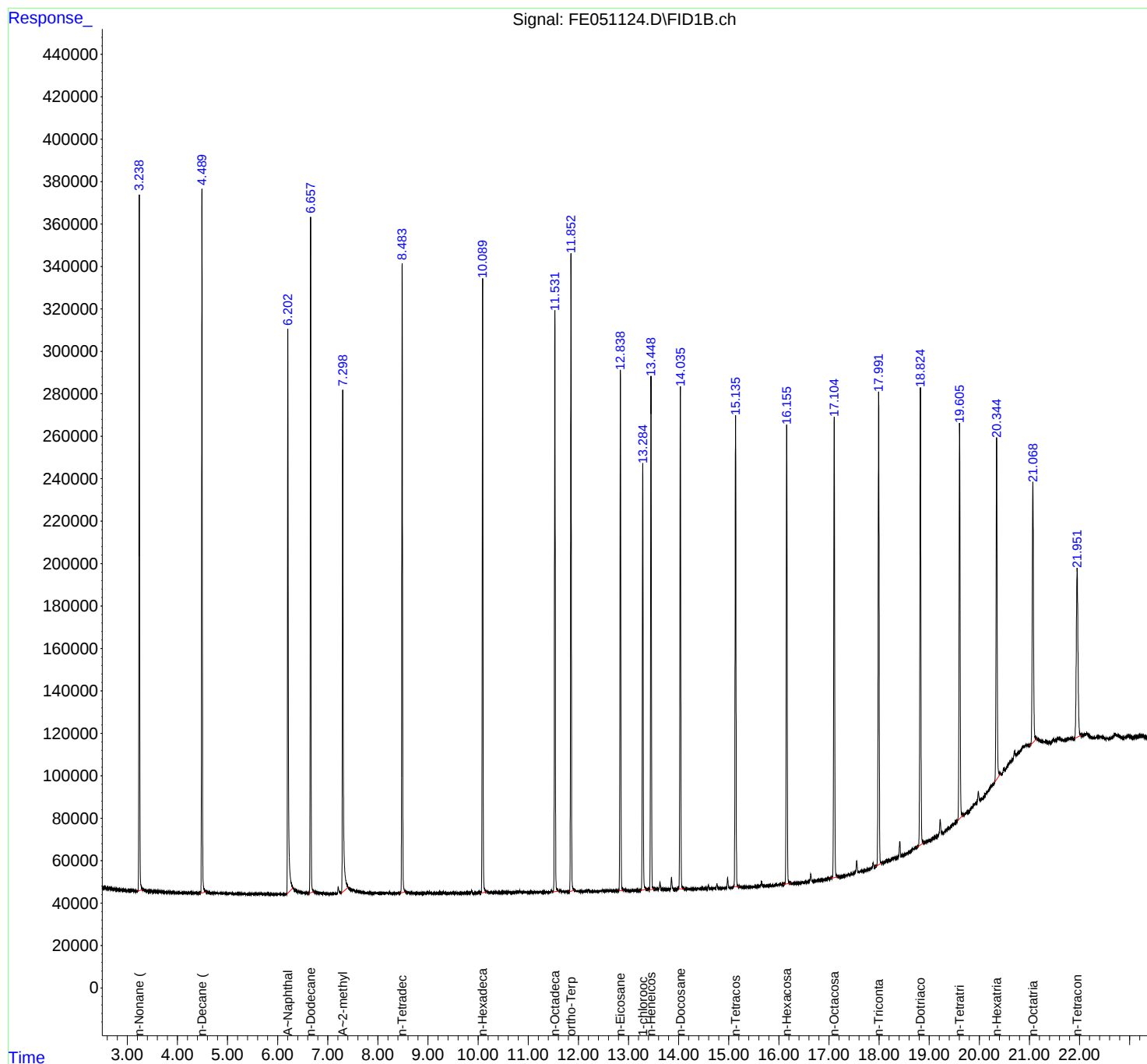
(m)=manual int.

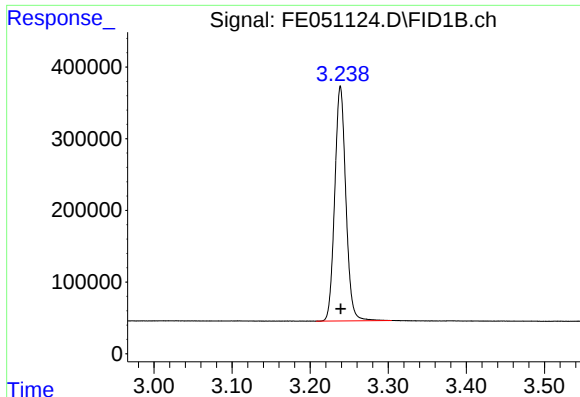
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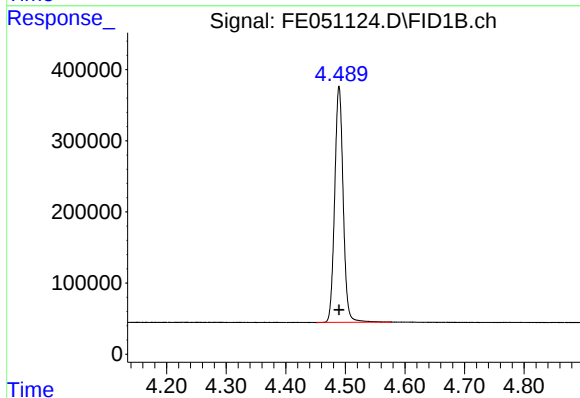




#1 n-Nonane (C9)

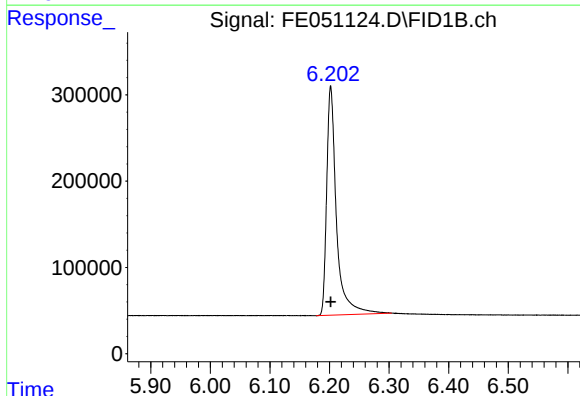
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3233800
Conc: 23.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



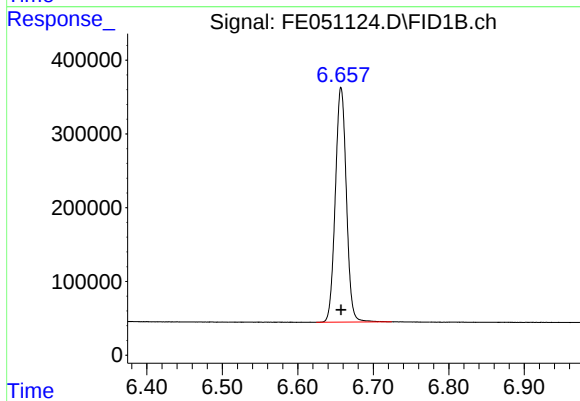
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3284823
Conc: 23.43 ug/ml



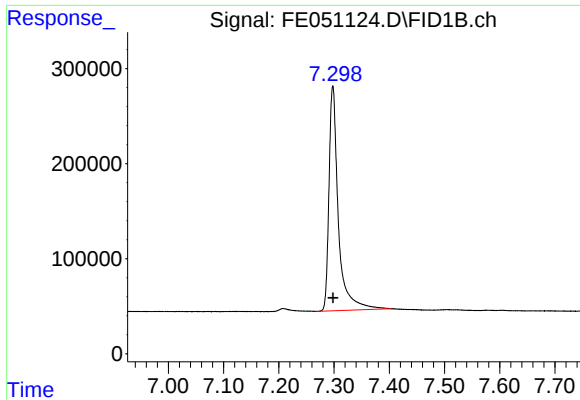
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 3028918
Conc: 22.97 ug/ml



#4 n-Dodecane (C12)

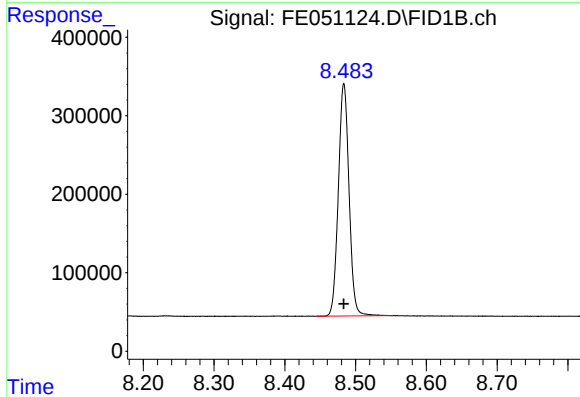
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 3230933
Conc: 22.88 ug/ml



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

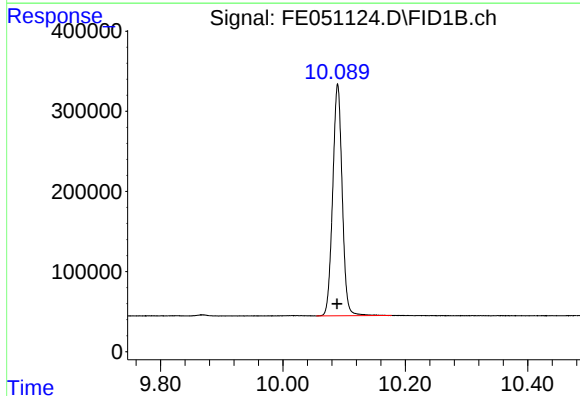
R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2795962
Conc: 22.35 ug/ml

Instrument :
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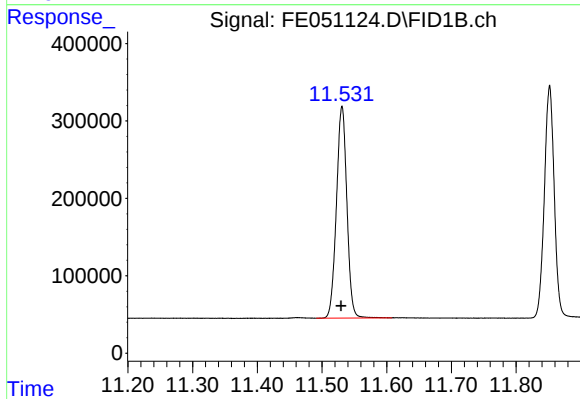
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 3106799
Conc: 22.29 ug/ml



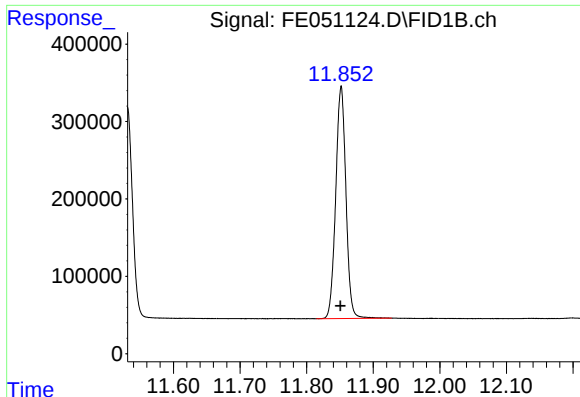
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 3114177
Conc: 21.95 ug/ml



#8 n-Octadecane (C18)

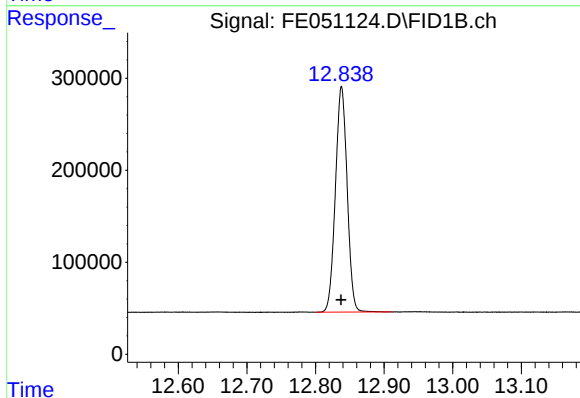
R.T.: 11.531 min
Delta R.T.: 0.001 min
Response: 3073452
Conc: 21.52 ug/ml



#9 ortho-Terphenyl (SURR)

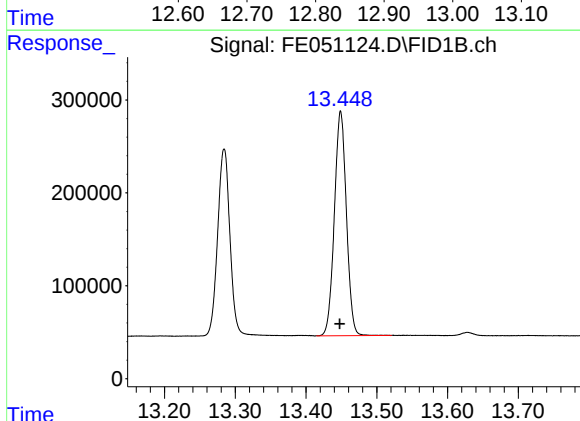
R.T.: 11.852 min
Delta R.T.: 0.001 min
Response: 3194433
Conc: 21.28 ug/ml

Instrument :
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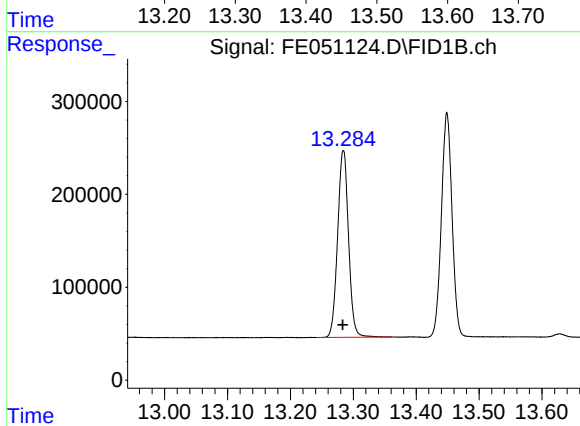
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: 0.001 min
Response: 2913103
Conc: 21.29 ug/ml



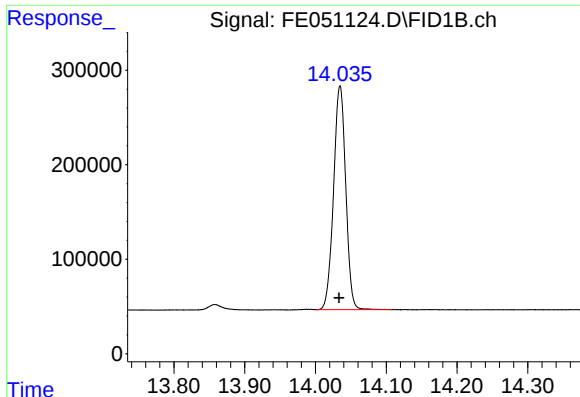
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: 0.001 min
Response: 2846707
Conc: 21.30 ug/ml



#12 1-chlorooctadecane (SURR)

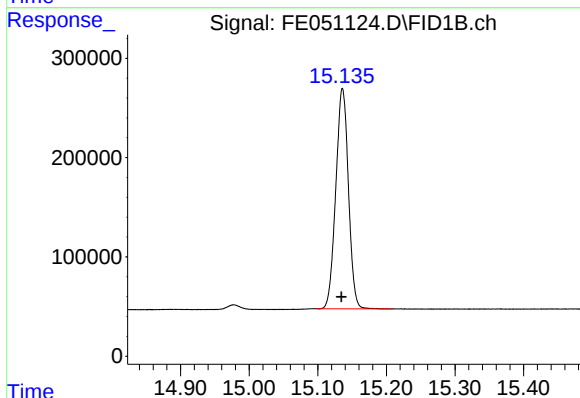
R.T.: 13.284 min
Delta R.T.: 0.001 min
Response: 2420135
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

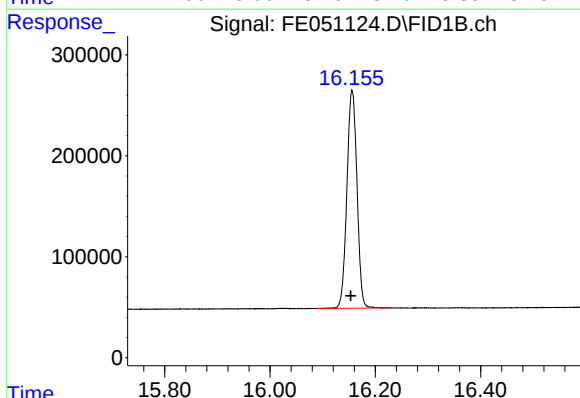
R.T.: 14.035 min
Delta R.T.: 0.001 min
Response: 2831012
Conc: 21.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



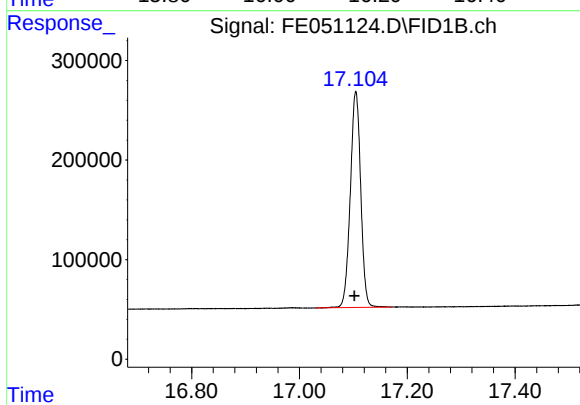
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: 0.002 min
Response: 2838426
Conc: 21.40 ug/ml



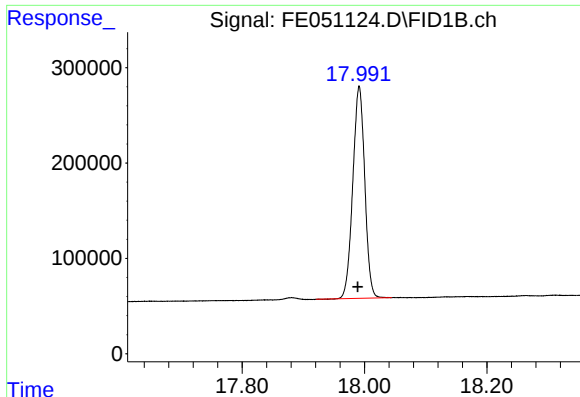
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.002 min
Response: 2869465
Conc: 21.43 ug/ml



#16 n-Octacosane (C28)

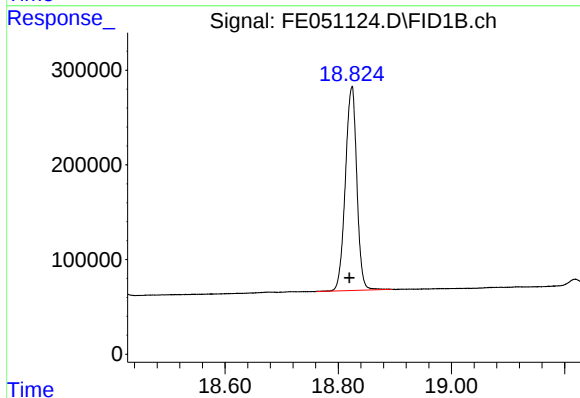
R.T.: 17.105 min
Delta R.T.: 0.003 min
Response: 2902293
Conc: 21.29 ug/ml



#17 n-Tricontane (C30)

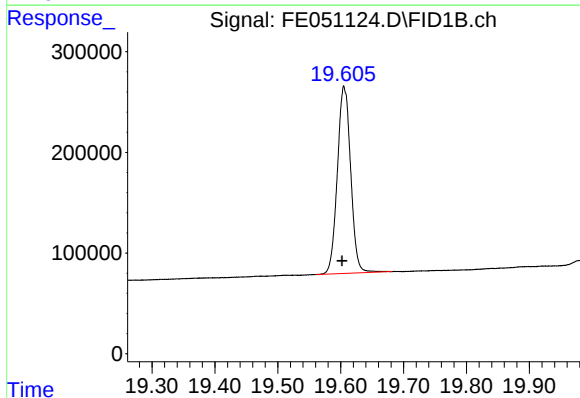
R.T.: 17.991 min
Delta R.T.: 0.002 min
Response: 3015882
Conc: 20.76 ug/ml

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20 PPM ALIPHATIC HC STD



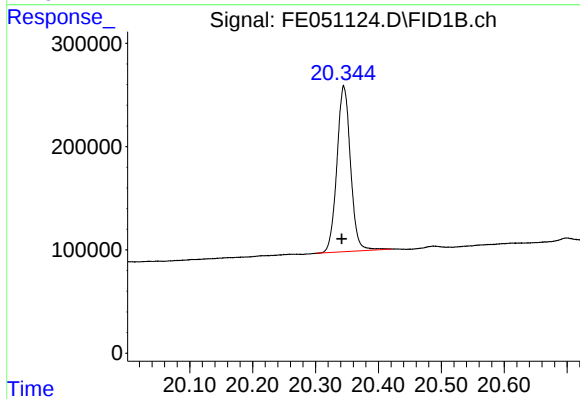
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 3025166
Conc: 20.37 ug/ml



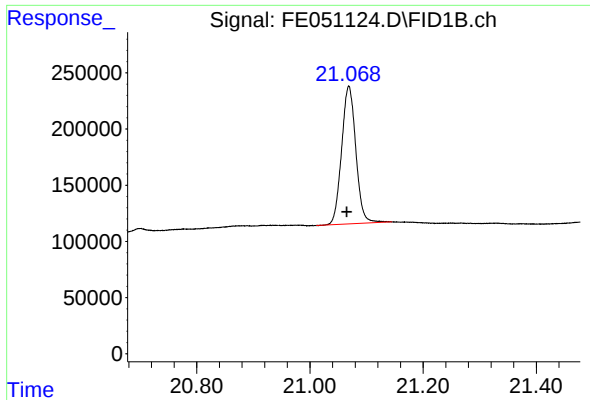
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.003 min
Response: 2737067
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

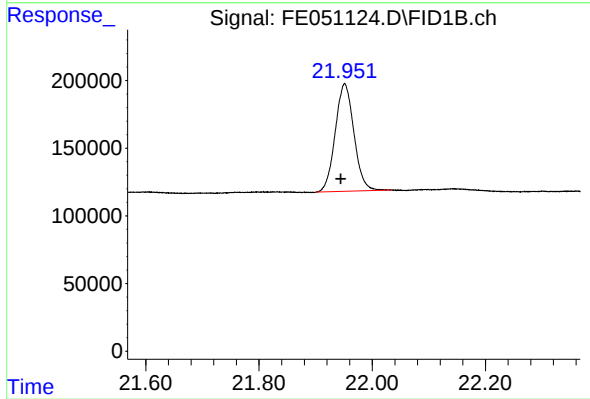
R.T.: 20.345 min
Delta R.T.: 0.003 min
Response: 2410932
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: 0.004 min
Response: 2132048
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: 0.007 min
Response: 1823146
Conc: 16.39 ug/ml