

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042450.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 05:40
 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 07 06:13:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.951	3303446	18.708 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.388	2440215	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
Target Compounds			
1) T n-Nonane (C9)	3.330	2771782	19.222 ug/ml
2) T n-Decane (C10)	4.582	2862478	19.336 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3071977	18.828 ug/ml
4) T n-Dodecane (C12)	6.750	2892290	19.288 ug/ml
5) T A~2-methylnaphthalene...	7.388	2954723	18.618 ug/ml
6) T n-Tetradecane (C14)	8.579	2870352	19.160 ug/ml
7) T n-Hexadecane (C16)	10.187	2972880	19.085 ug/ml
8) T n-Octadecane (C18)	11.632	2999862	18.970 ug/ml
10) T n-Eicosane (C20)	12.941	2855902	18.841 ug/ml
11) T n-Heneicosane (C21)	13.553	2777613	18.748 ug/ml
13) T n-Docosane (C22)	14.141	2775290	18.931 ug/ml
14) T n-Tetracosane (C24)	15.244	2707356	18.755 ug/ml
15) T n-Hexacosane (C26)	16.266	2673036	19.300 ug/ml
16) T n-Octacosane (C28)	17.216	2709030	20.234 ug/ml
17) T n-Tricontane (C30)	18.104	2972071	22.017 ug/ml
18) T n-Dotriacontane (C32)	18.937	3020768	22.612 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2855680	21.714 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2705908	20.819 ug/ml
21) T n-Octatriacontane (C38)	21.210	2692446	19.845 ug/ml
22) T n-Tetracontane (C40)	22.147	2681600	19.276 ug/ml

(f)=RT Delta > 1/2 Window

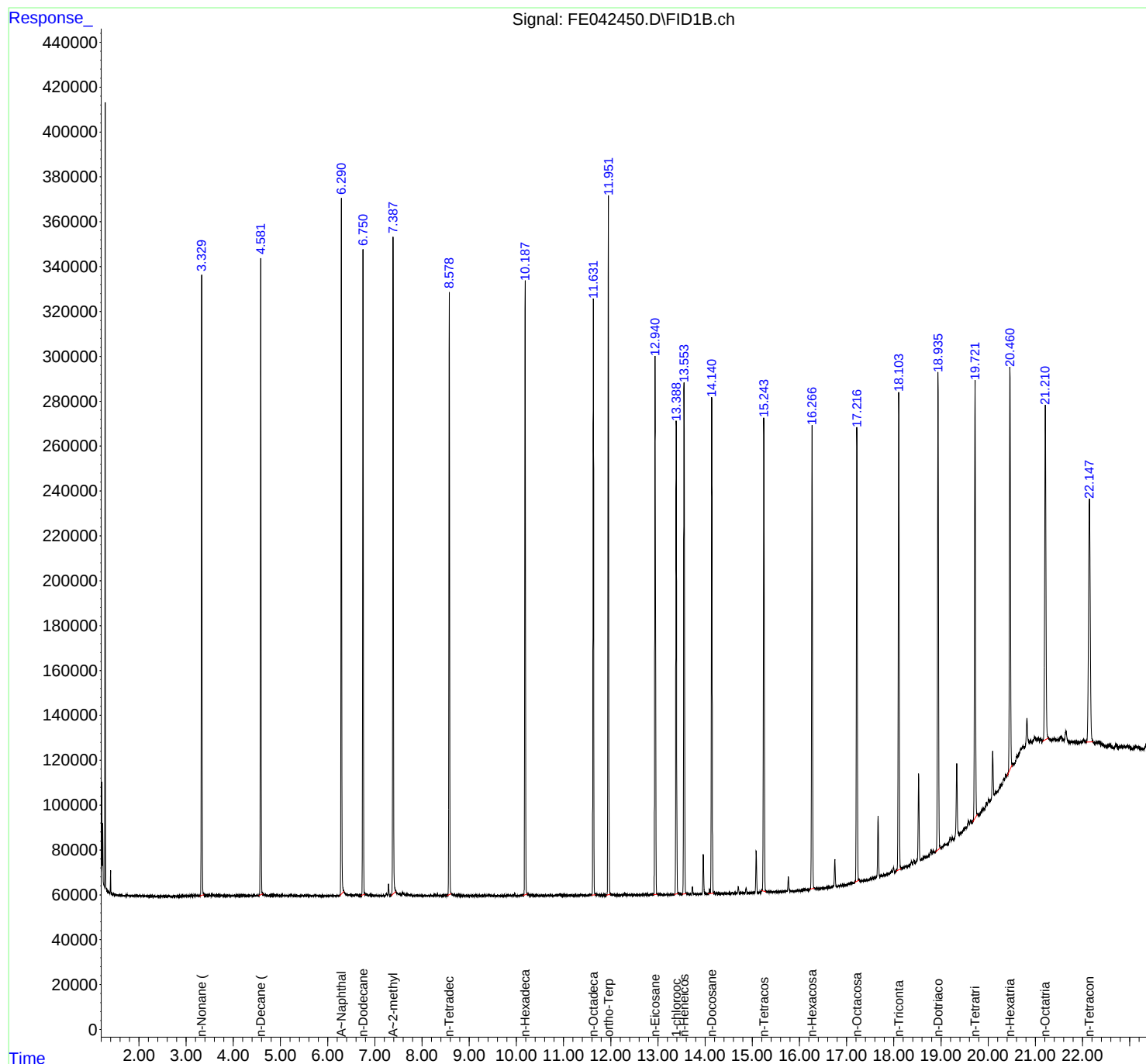
(m)=manual int.

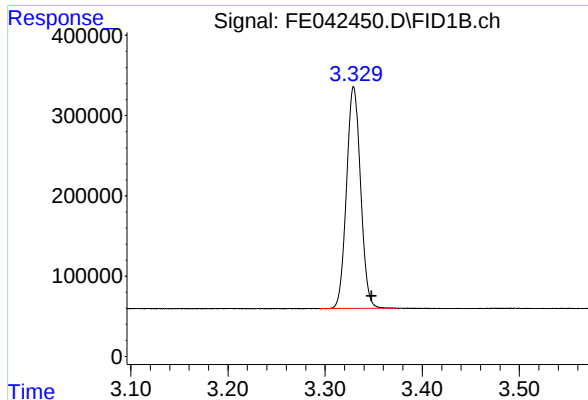
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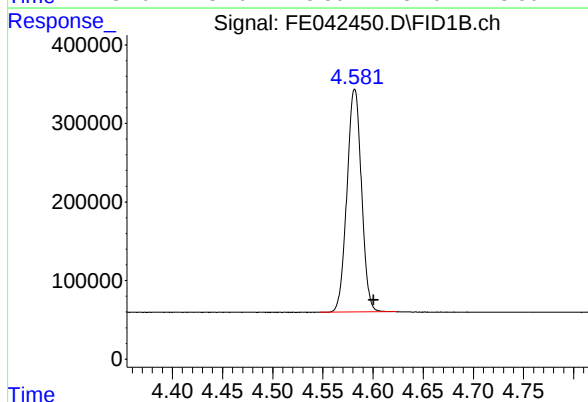




#1 n-Nonane (C9)

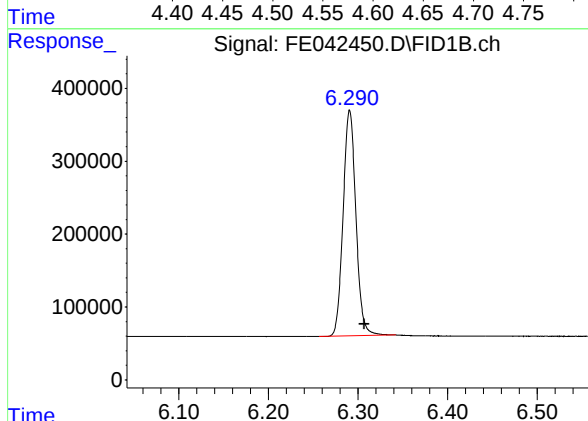
R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 2771782
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



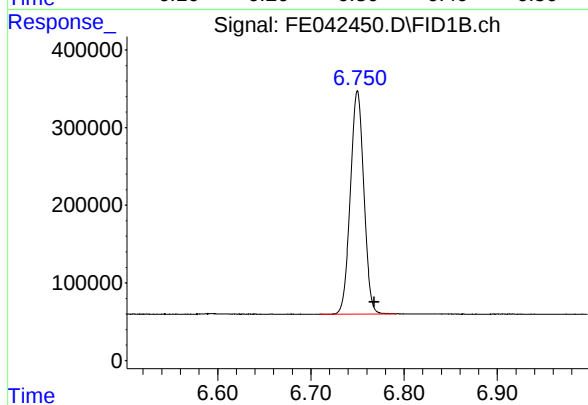
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.019 min
Response: 2862478
Conc: 19.34 ug/ml



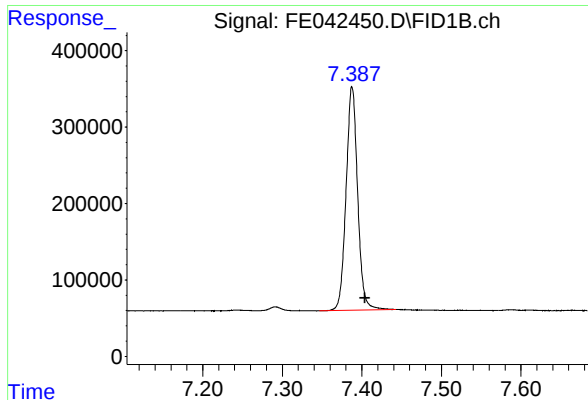
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.016 min
Response: 3071977
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

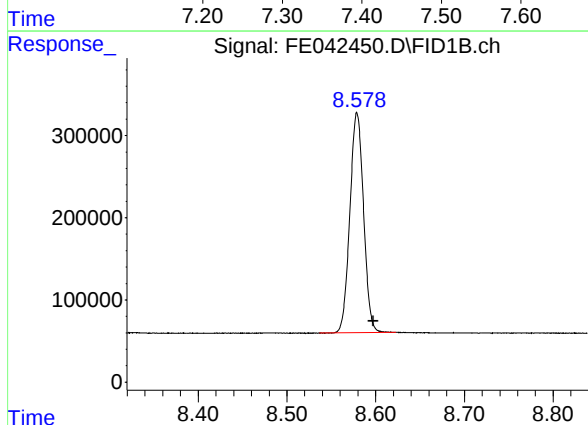
R.T.: 6.750 min
Delta R.T.: -0.018 min
Response: 2892290
Conc: 19.29 ug/ml



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

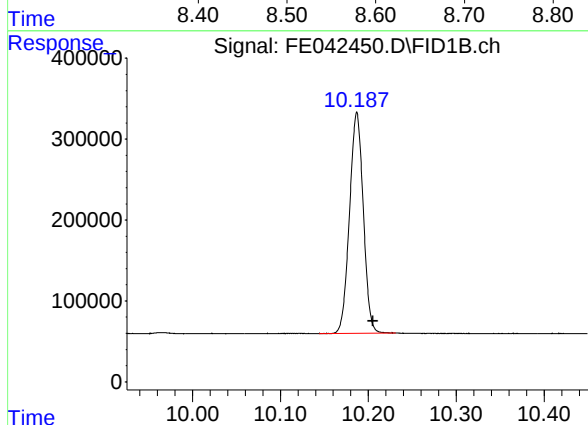
R.T.: 7.388 min
Delta R.T.: -0.016 min
Response: 2954723
Conc: 18.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



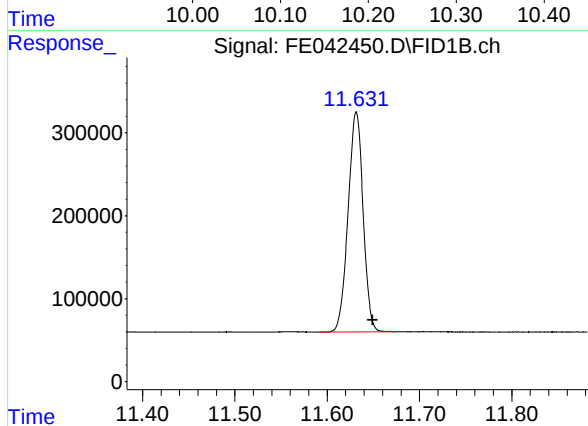
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.018 min
Response: 2870352
Conc: 19.16 ug/ml



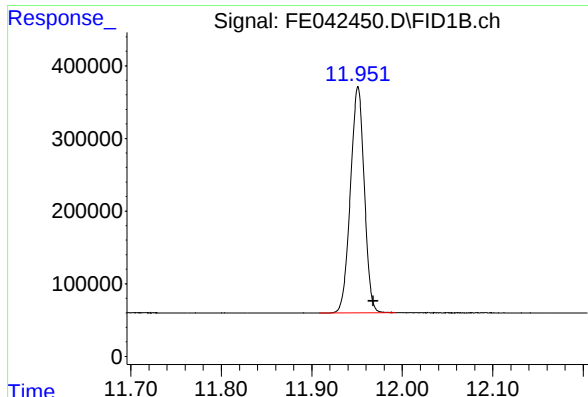
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: -0.018 min
Response: 2972880
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

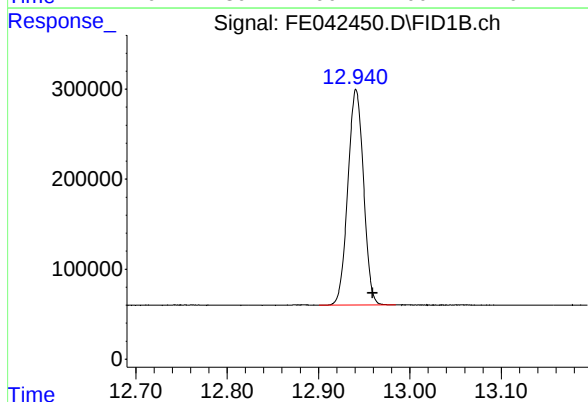
R.T.: 11.632 min
Delta R.T.: -0.018 min
Response: 2999862
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

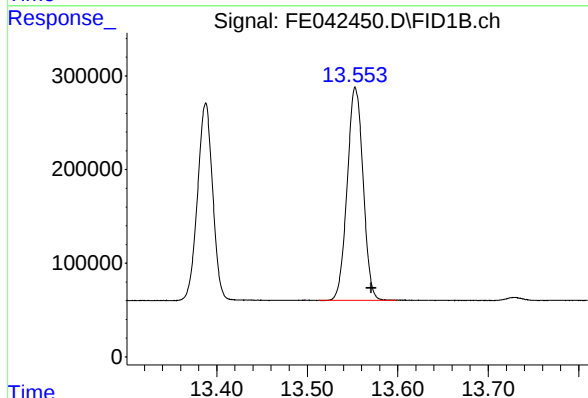
R.T.: 11.951 min
Delta R.T.: -0.017 min
Response: 3303446
Conc: 18.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



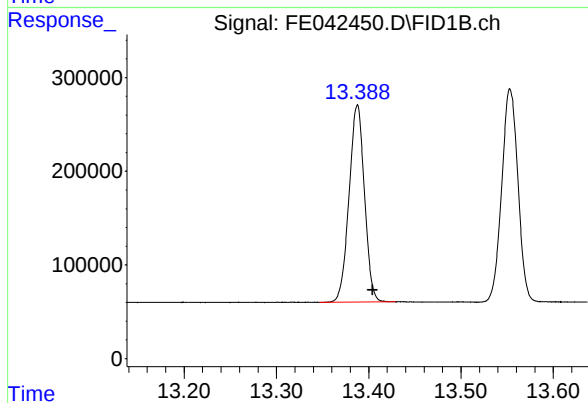
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.018 min
Response: 2855902
Conc: 18.84 ug/ml



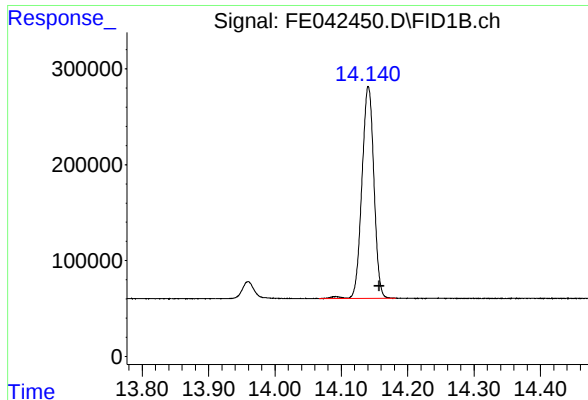
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.018 min
Response: 2777613
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

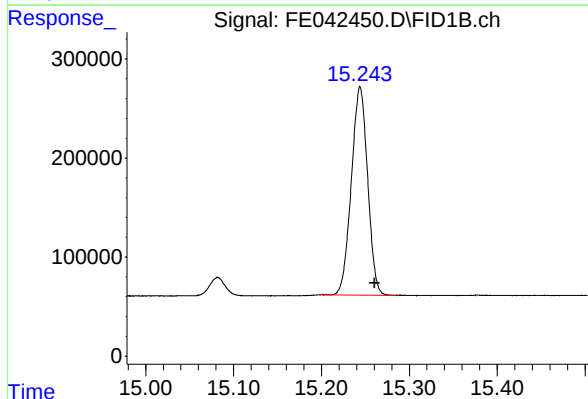
R.T.: 13.388 min
Delta R.T.: -0.016 min
Response: 2440215
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

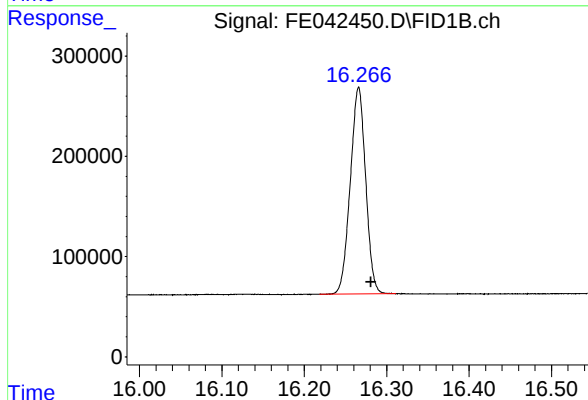
R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 2775290
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



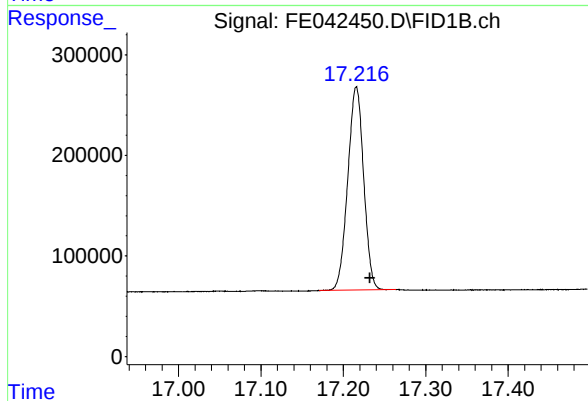
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.017 min
Response: 2707356
Conc: 18.75 ug/ml



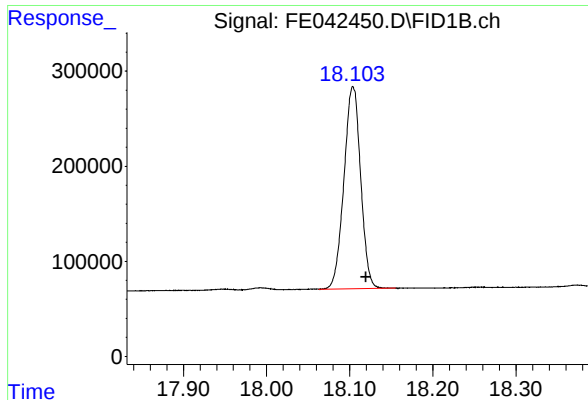
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.015 min
Response: 2673036
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

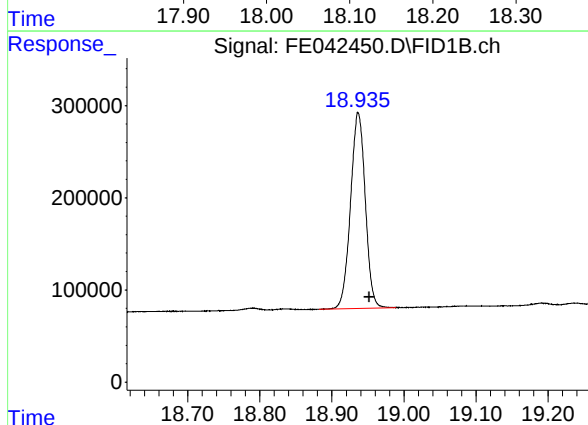
R.T.: 17.216 min
Delta R.T.: -0.016 min
Response: 2709030
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

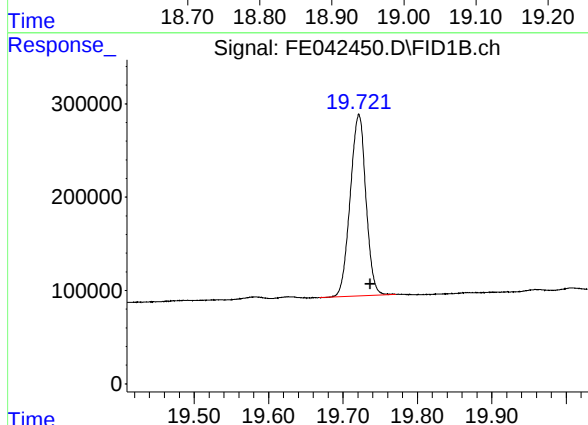
R.T.: 18.104 min
Delta R.T.: -0.016 min
Response: 2972071
Conc: 22.02 ug/ml

Instrument :
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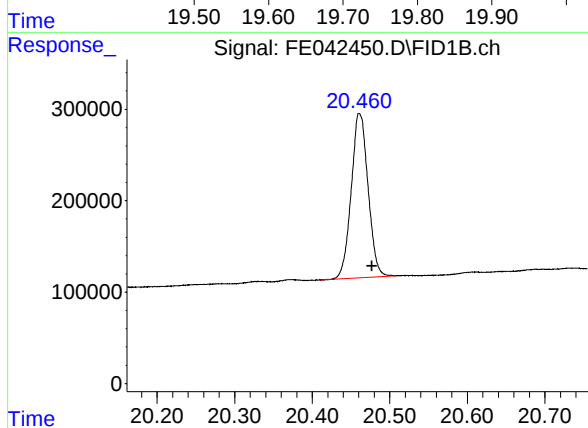
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.015 min
Response: 3020768
Conc: 22.61 ug/ml



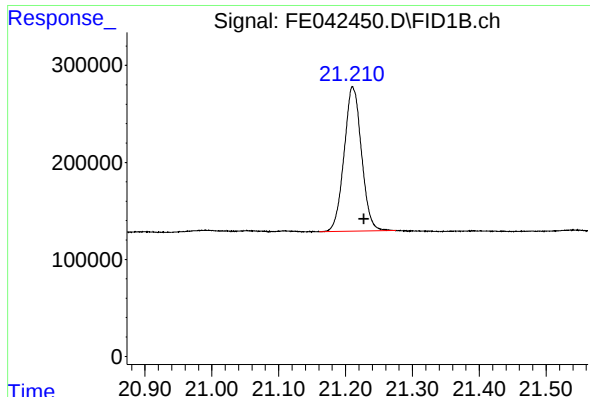
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.015 min
Response: 2855680
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

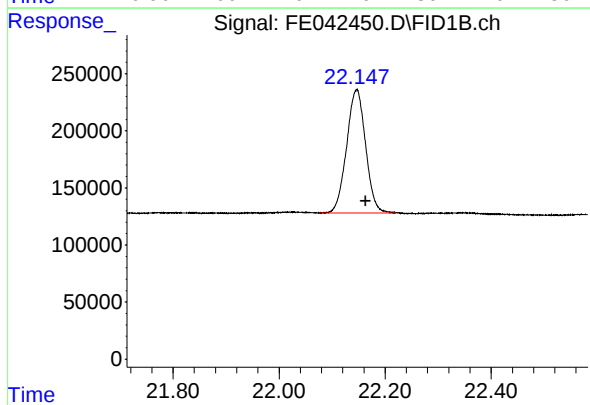
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 2705908
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 2692446
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.016 min
Response: 2681600
Conc: 19.28 ug/ml