

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041544.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 12:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 27 02:02:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.979	3271266	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	13.416	2532092	17.924 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.349	2754164	18.736 ug/ml
2) T n-Decane (C10)	4.603	2825476	18.839 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3271956	19.771 ug/ml
4) T n-Dodecane (C12)	6.774	2881959	18.955 ug/ml
5) T A~2-methylnaphthalene...	7.408	3123955	19.374 ug/ml
6) T n-Tetradecane (C14)	8.605	2914899	19.189 ug/ml
7) T n-Hexadecane (C16)	10.215	3008778	18.854 ug/ml
8) T n-Octadecane (C18)	11.659	3080474	18.793 ug/ml
10) T n-Eicosane (C20)	12.970	3004359	18.679 ug/ml
11) T n-Heneicosane (C21)	13.583	2979434	18.695 ug/ml
13) T n-Docosane (C22)	14.171	2985840	18.740 ug/ml
14) T n-Tetracosane (C24)	15.275	3135455	19.448 ug/ml
15) T n-Hexacosane (C26)	16.297	3006827	19.019 ug/ml
16) T n-Octacosane (C28)	17.247	3057482	19.870 ug/ml
17) T n-Tricontane (C30)	18.135	3216885	21.122 ug/ml
18) T n-Dotriacontane (C32)	18.967	3274678	21.981 ug/ml
19) T n-Tetratriacontane (C34)	19.752	3037295	21.560 ug/ml
20) T n-Hexatriacontane (C36)	20.492	2796582	20.912 ug/ml
21) T n-Octatriacontane (C38)	21.246	2748494	20.801 ug/ml
22) T n-Tetracontane (C40)	22.190	2785281	21.999 ug/ml

(f)=RT Delta > 1/2 Window

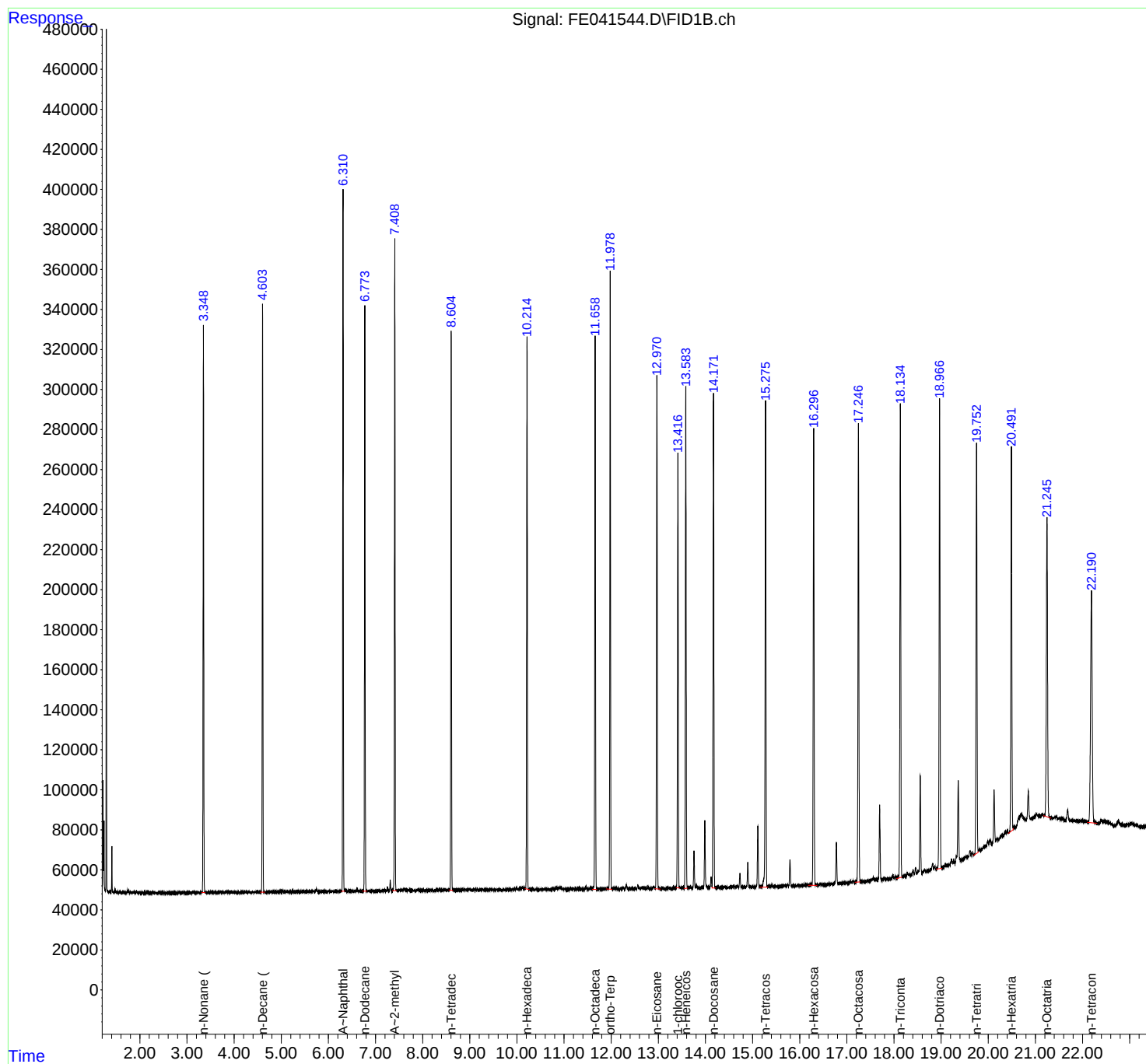
(m)=manual int.

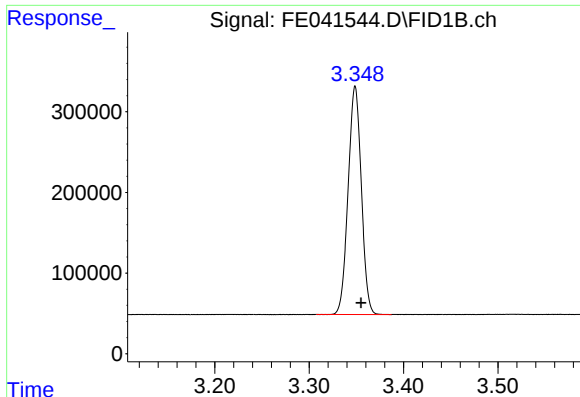
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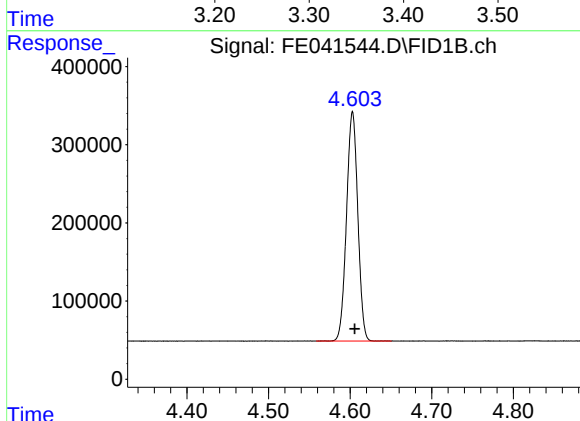




#1 n-Nonane (C9)

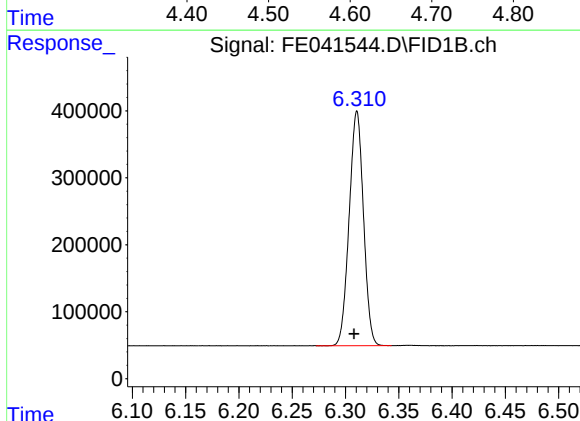
R.T.: 3.349 min
Delta R.T.: -0.006 min
Response: 2754164
Conc: 18.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



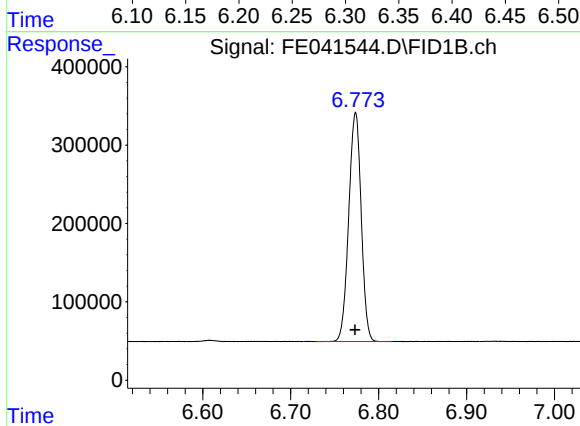
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 2825476
Conc: 18.84 ug/ml



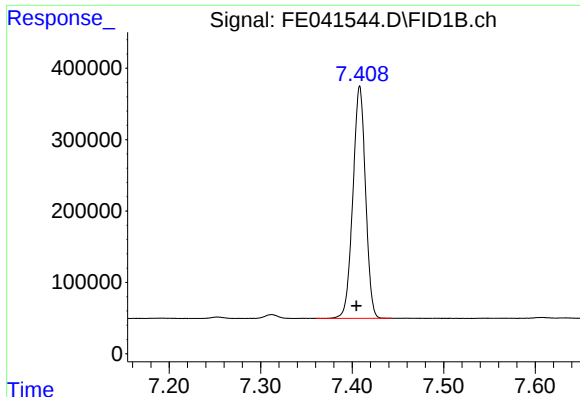
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 3271956
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

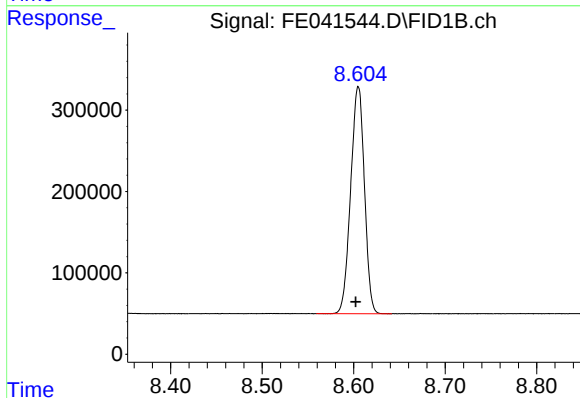
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 2881959
Conc: 18.95 ug/ml



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

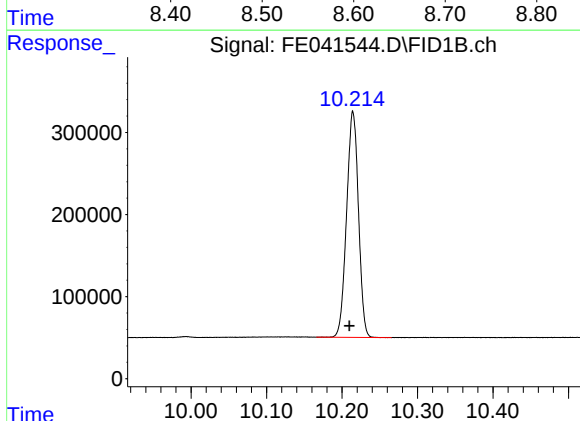
R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 3123955
Conc: 19.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



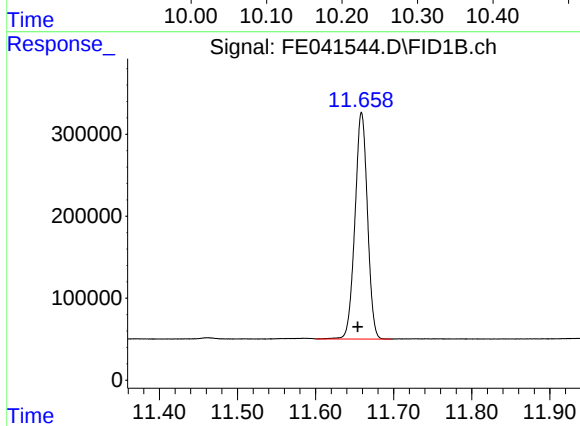
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.003 min
Response: 2914899
Conc: 19.19 ug/ml



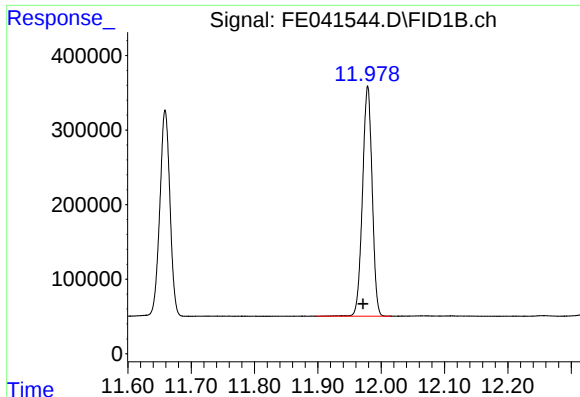
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.005 min
Response: 3008778
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

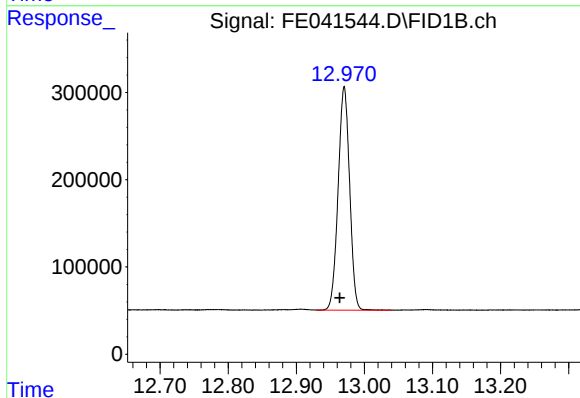
R.T.: 11.659 min
Delta R.T.: 0.005 min
Response: 3080474
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

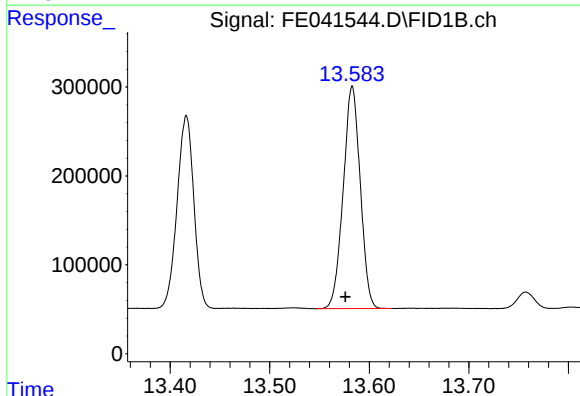
R.T.: 11.979 min
Delta R.T.: 0.007 min
Response: 3271266
Conc: 17.44 ug/ml

Instrument :
FID_E
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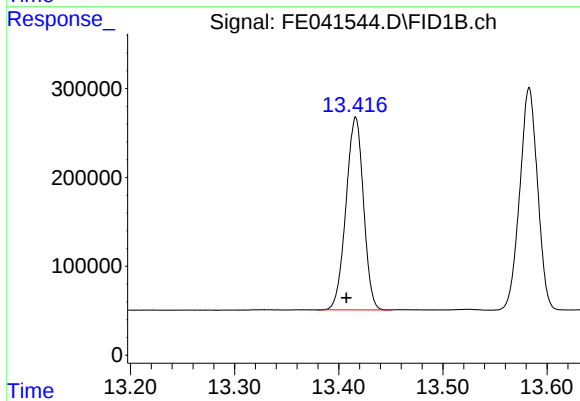
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.007 min
Response: 3004359
Conc: 18.68 ug/ml



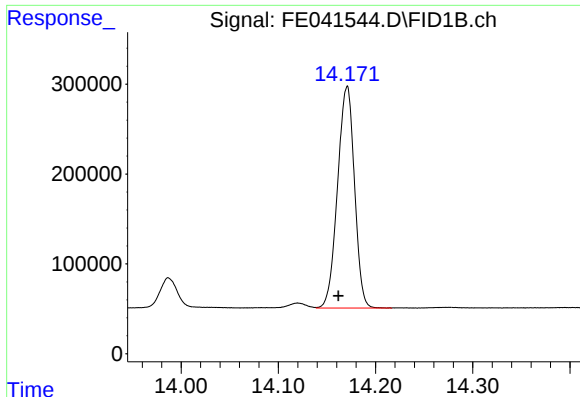
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.007 min
Response: 2979434
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

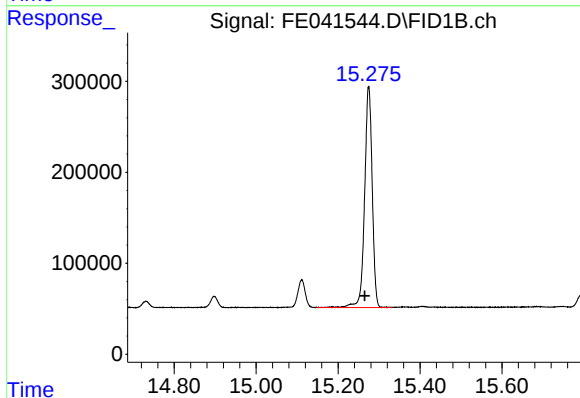
R.T.: 13.416 min
Delta R.T.: 0.009 min
Response: 2532092
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

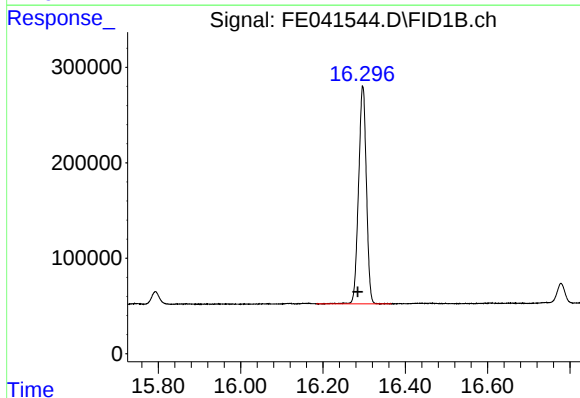
R.T.: 14.171 min
Delta R.T.: 0.009 min
Response: 2985840
Conc: 18.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



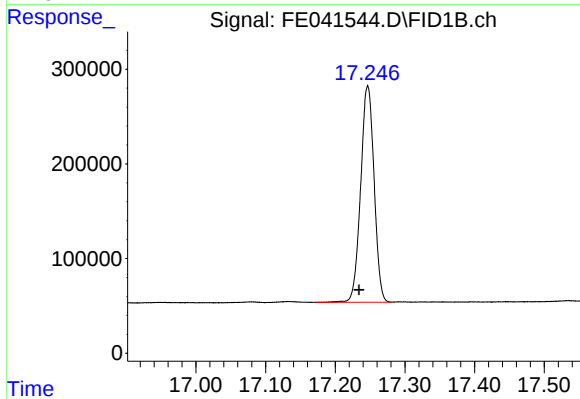
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.010 min
Response: 3135455
Conc: 19.45 ug/ml



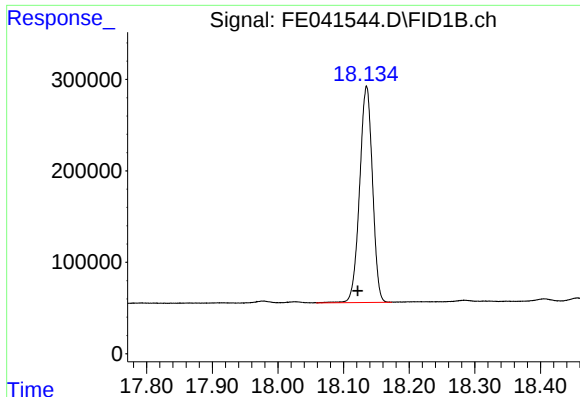
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.012 min
Response: 3006827
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

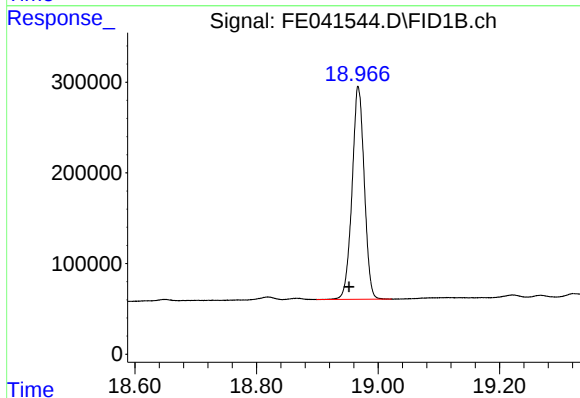
R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 3057482
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

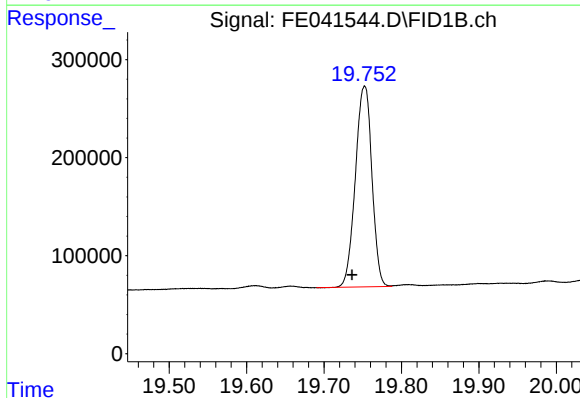
R.T.: 18.135 min
Delta R.T.: 0.014 min
Response: 3216885
Conc: 21.12 ug/ml

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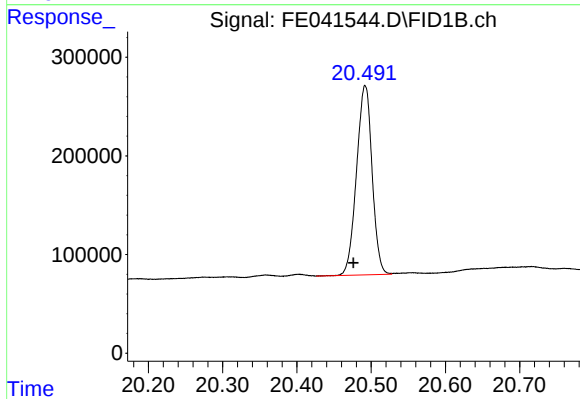
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.015 min
Response: 3274678
Conc: 21.98 ug/ml



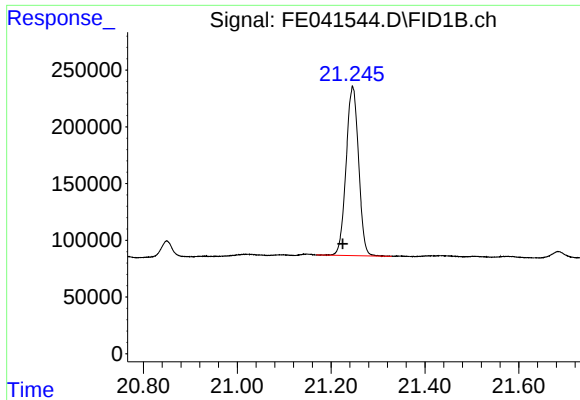
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.016 min
Response: 3037295
Conc: 21.56 ug/ml



#20 n-Hexatriacontane (C36)

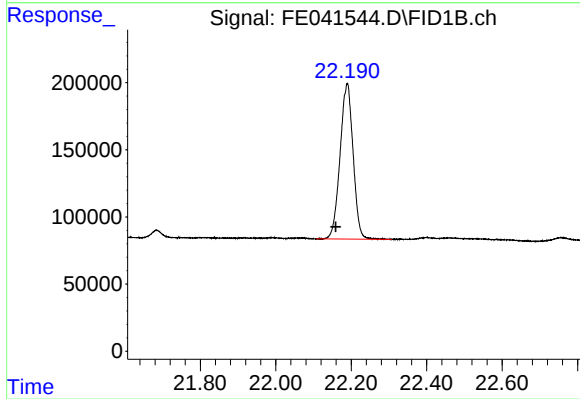
R.T.: 20.492 min
Delta R.T.: 0.016 min
Response: 2796582
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.246 min
Delta R.T.: 0.021 min
Response: 2748494
Conc: 20.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.190 min
Delta R.T.: 0.031 min
Response: 2785281
Conc: 22.00 ug/ml