

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040725.D
 Signal(s) : FID1B.ch
 Acq On : 09 Mar 2023 12:41
 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: Mar 09 23:15:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.879	3540887	18.954 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.316	2770129	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.275	3100755	20.151 ug/ml
2) T n-Decane (C10)	4.522	3077275	20.454 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3382011	20.390 ug/ml
4) T n-Dodecane (C12)	6.687	3132382	20.461 ug/ml
5) T A~2-methylnaphthalene...	7.320	3140356	20.750 ug/ml
6) T n-Tetradecane (C14)	8.513	3169421	20.507 ug/ml
7) T n-Hexadecane (C16)	10.121	3284335	20.334 ug/ml
8) T n-Octadecane (C18)	11.564	3344854	19.699 ug/ml
10) T n-Eicosane (C20)	12.872	3262304	19.284 ug/ml
11) T n-Heneicosane (C21)	13.484	3234989	18.878 ug/ml
13) T n-Docosane (C22)	14.071	3242120	18.925 ug/ml
14) T n-Tetracosane (C24)	15.173	3288421	19.075 ug/ml
15) T n-Hexacosane (C26)	16.197	3236920	19.045 ug/ml
16) T n-Octacosane (C28)	17.149	3290460	19.621 ug/ml
17) T n-Tricontane (C30)	18.036	3396422	20.801 ug/ml
18) T n-Dotriacontane (C32)	18.870	3358503	19.623 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3089452	19.982 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2768310	19.055 ug/ml
21) T n-Octatriacontane (C38)	21.125	2645162	19.243 ug/ml
22) T n-Tetracontane (C40)	22.018	2588291	16.750 ug/ml

(f)=RT Delta > 1/2 Window

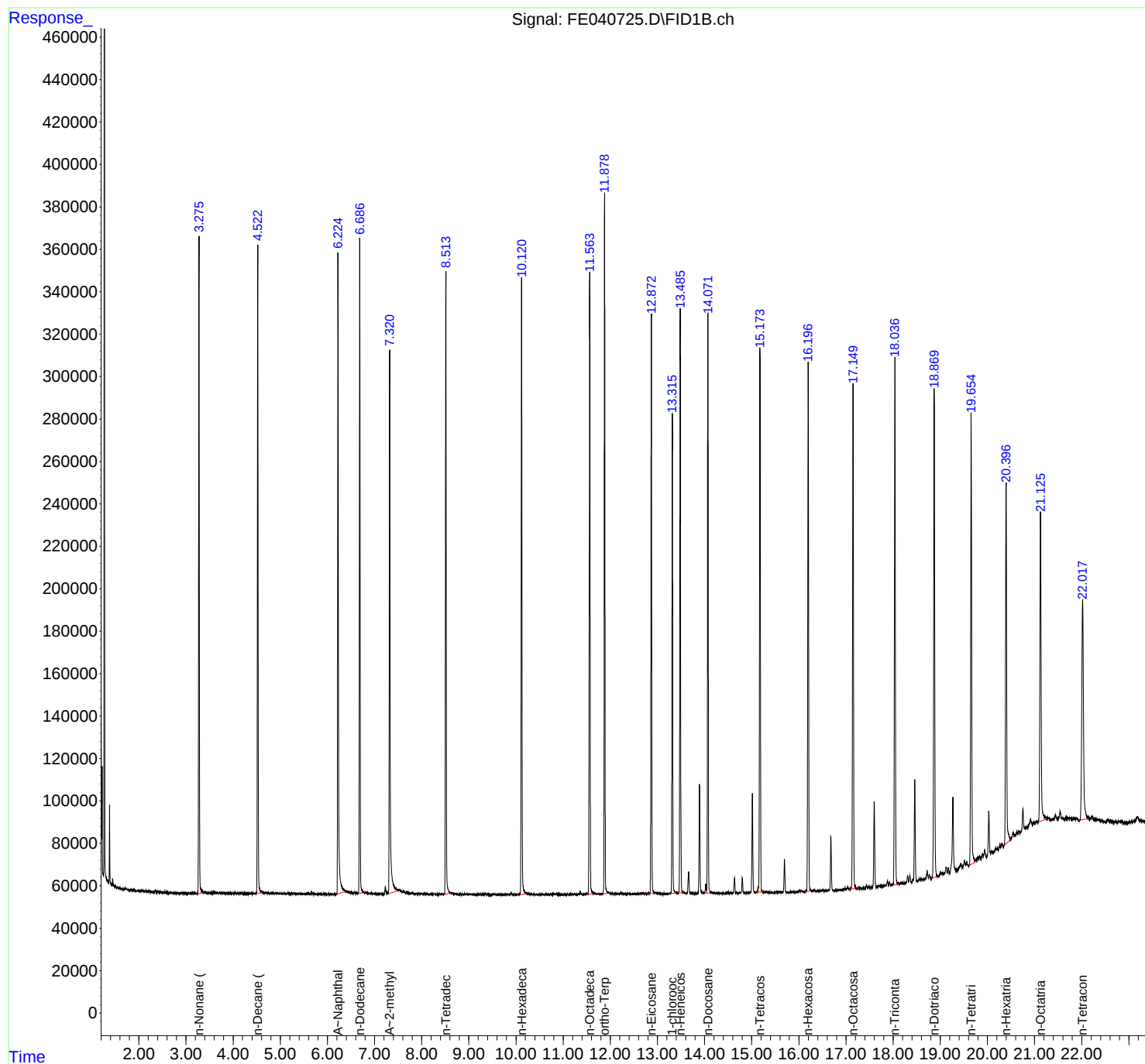
(m)=manual int.

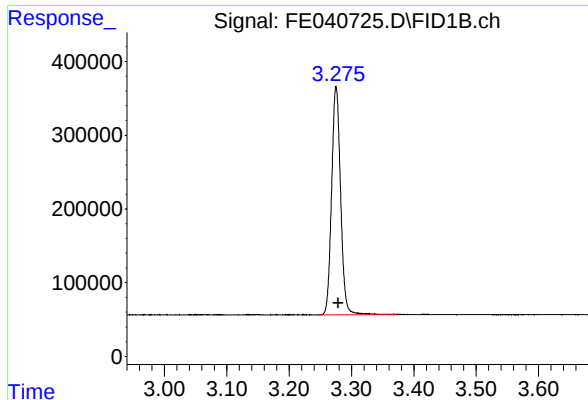
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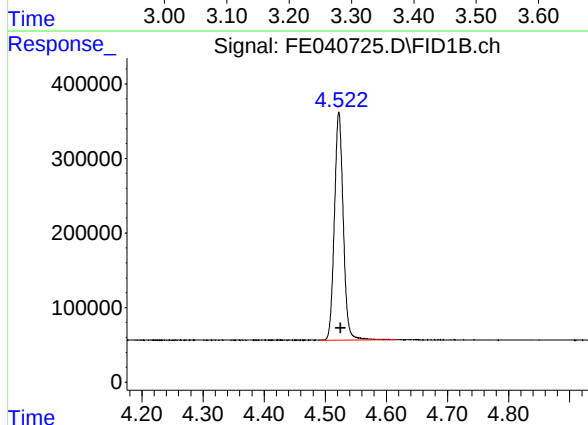




#1 n-Nonane (C9)

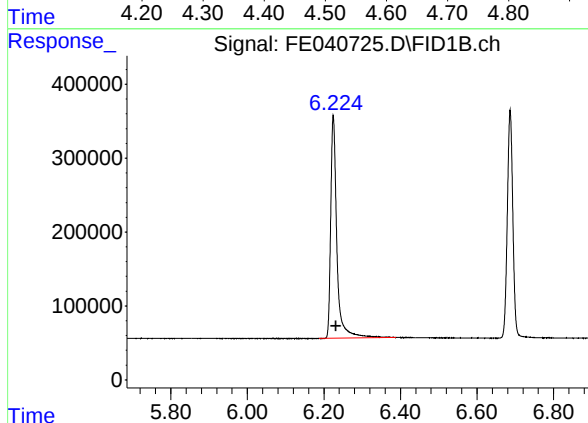
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 3100755
Conc: 20.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



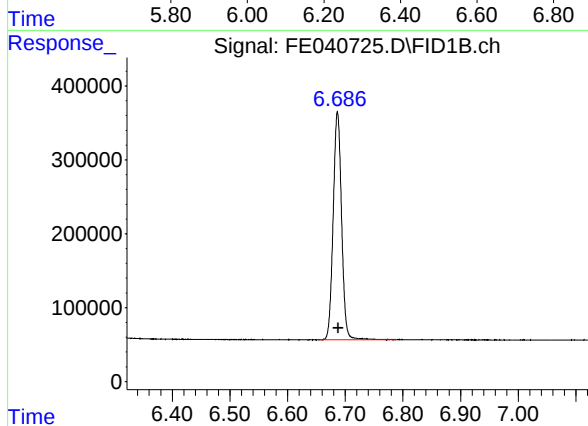
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 3077275
Conc: 20.45 ug/ml



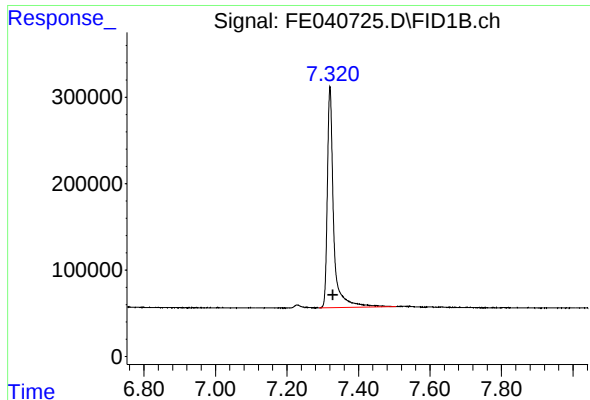
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.007 min
Response: 3382011
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

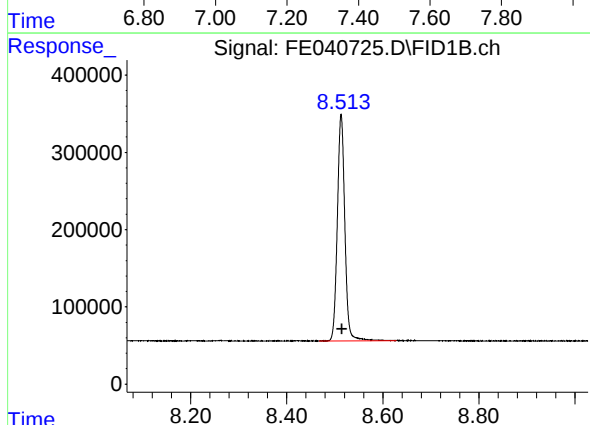
R.T.: 6.687 min
Delta R.T.: -0.001 min
Response: 3132382
Conc: 20.46 ug/ml



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

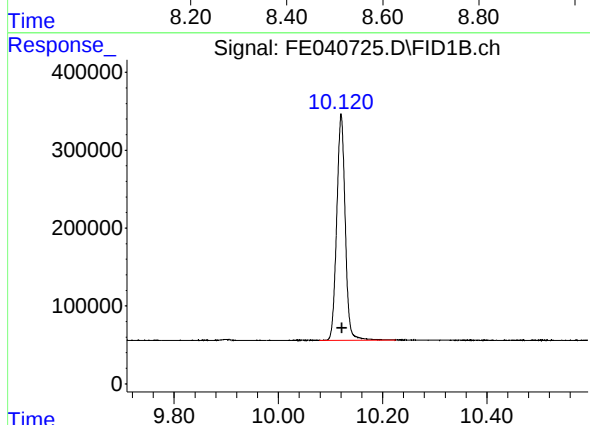
R.T.: 7.320 min
Delta R.T.: -0.008 min
Response: 3140356
Conc: 20.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



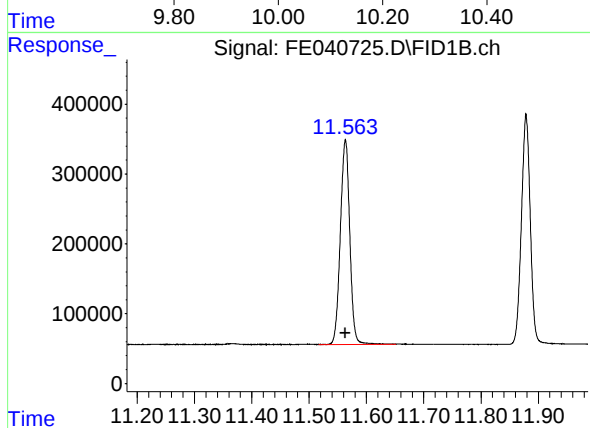
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 3169421
Conc: 20.51 ug/ml



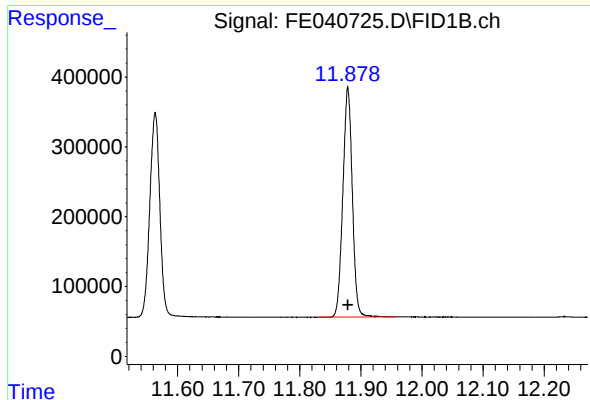
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.002 min
Response: 3284335
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

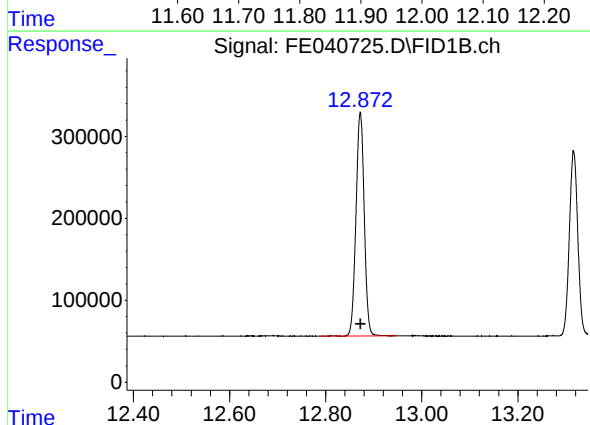
R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 3344854
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

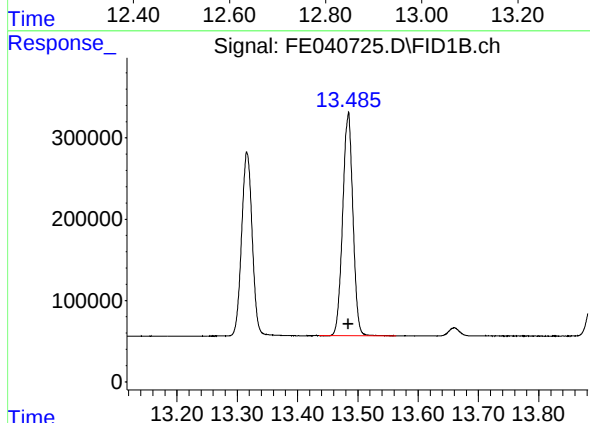
R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 3540887
Conc: 18.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



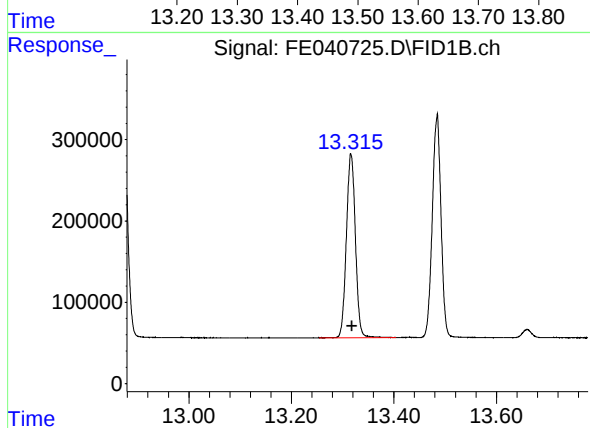
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.000 min
Response: 3262304
Conc: 19.28 ug/ml



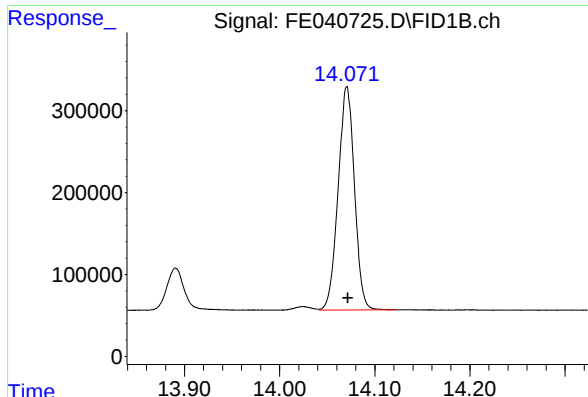
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 3234989
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

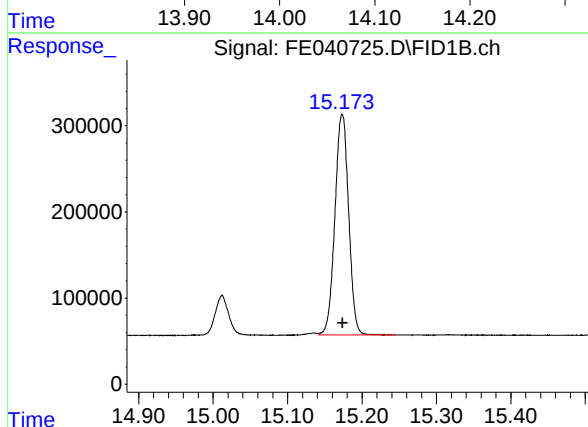
R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 2770129
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

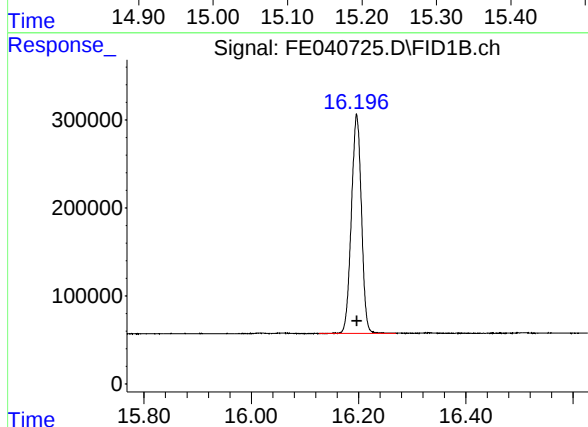
R.T.: 14.071 min
Delta R.T.: -0.001 min
Response: 3242120
Conc: 18.93 ug/ml

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20 PPM ALIPHATIC HC STD



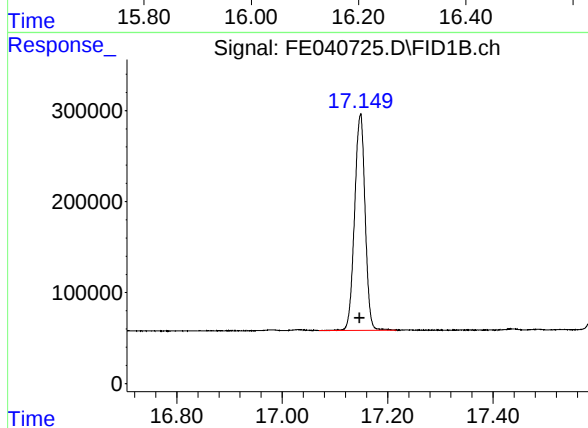
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 3288421
Conc: 19.08 ug/ml



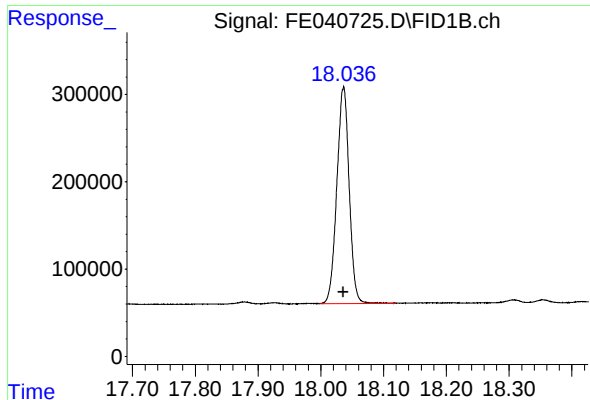
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3236920
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

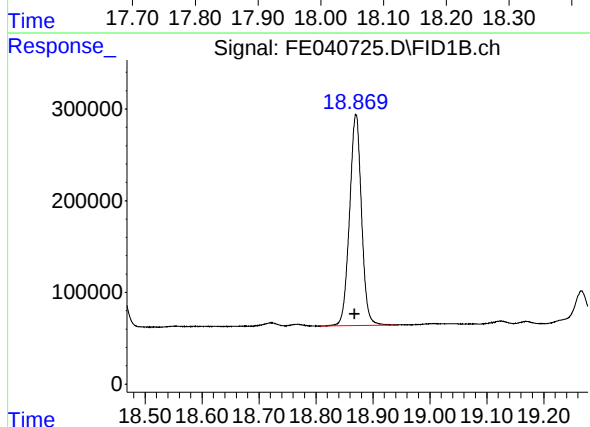
R.T.: 17.149 min
Delta R.T.: 0.001 min
Response: 3290460
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

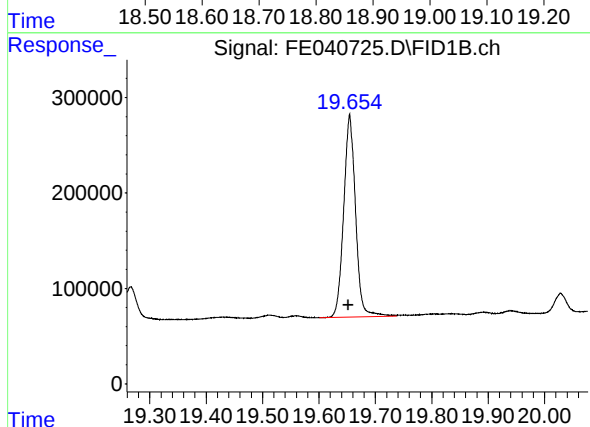
R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 3396422
Conc: 20.80 ug/ml

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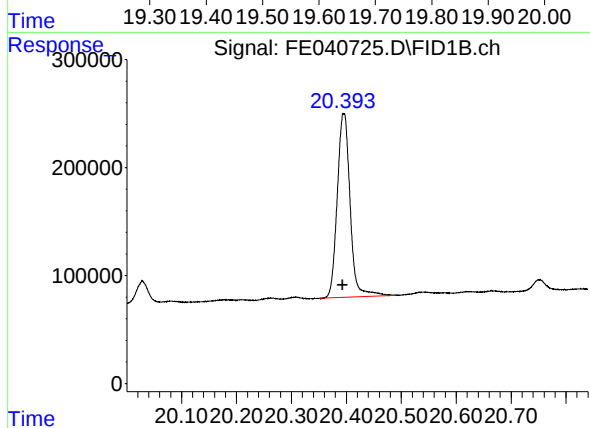
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.002 min
Response: 3358503
Conc: 19.62 ug/ml



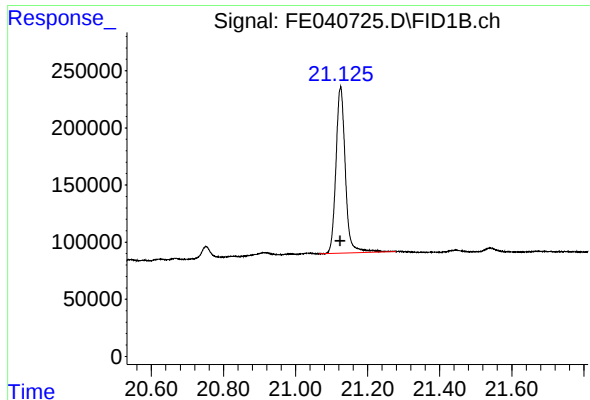
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.002 min
Response: 3089452
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

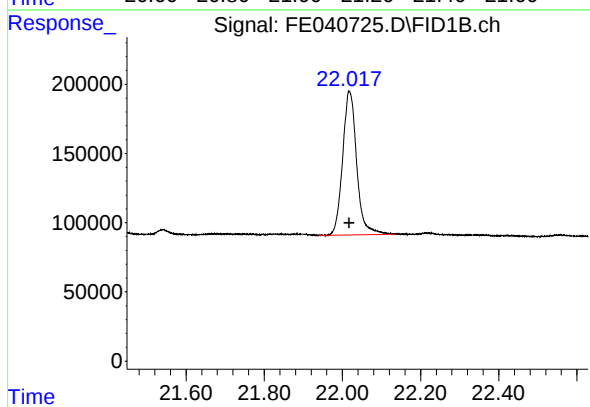
R.T.: 20.395 min
Delta R.T.: 0.002 min
Response: 2768310
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.001 min
Response: 2645162
Conc: 19.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 2588291
Conc: 16.75 ug/ml